

4. Submit acceptable scores on the Miller Analogies Test from an appropriate agency. Testing arrangements may be made through the Education Department office on campus.

All admission credentials should be sent directly to the Office of Graduate Studies. Following the review of these materials by the Education Department Graduate Committee, the Education Department chairperson will assign those students admitted to the program a faculty advisor and notify the Graduate Office. The dean of Graduate Studies will formally notify the student of admission or denial to the program.

B. Program of Study

1. Prior to registration for the next academic term, it is the student's responsibility to confer with the assigned faculty advisor, or his designee, to develop a program of study and to become familiar with program requirements.
2. Upon approval of a prospective graduate student's program of study by the faculty advisor and by the Education Department Graduate Committee, the student will be permitted to register for courses.

C. Conditional Admission

An applicant who is not admitted as a degree-seeking student to the Master of Education program may be admitted on a conditional basis.

1. To be admitted on a conditional basis, the applicant must provide the Education Graduate Committee with information that indicates the student can successfully perform graduate level studies.
2. A conditionally admitted student must confer with an assigned faculty advisor to develop the first twelve (12) hours of coursework for a program of study.
3. Upon completion of 12 hours of coursework with a cumulative average of B or higher and no grade below C, the Education Department Graduate Committee will recommend that the student be admitted as a degree-seeking student to the Master of Education program.

D. Non-degree, Graduate Standing

Students who have been admitted to the Division of Graduate Study, but who have not been admitted to the Master of Education program, may enroll for no more than six semester hours of coursework before being assigned an Education Department faculty advisor. Courses taken prior to acceptance to the Master of Education program may or may not apply to an area of concentration selected later. Questions regarding the applicability of courses taken as a non-degree graduate student will be resolved by the Education Department Graduate Committee.

II. Requirements for Admission to Candidacy

- A. To be eligible for admission to candidacy for the Master of Education degree, the applicant must meet the following requirements:

1. Submit the completed application for admission to candidacy to the dean of Graduate Studies. The application should be submitted after at least 12 semester hours of graduate degree credit and not later than the completion of 18 hours with cumulative average of B or higher and no grade below C.
2. Shall have completed Education 502 within the first 12 semester hours submitted for consideration. Graduate degree students are required to earn a minimum of 15 semester hours of graduate credit after admission to candidacy except in special cases authorized by the dean of Graduate Studies.

III. Course Requirements

- A. The core requirements in the Graduate Education program are designed to:

1. Encourage a spirit of inquiry which will enable students to design and interpret research.
2. Assist students in developing the theoretical background which applies to development, learning evaluation and instruction.
3. Help students acquire an appreciation of historic traditions, broad cultural themes, social trends which affect the dynamics of educational system worldwide and scientific approaches toward the study of educational issues and their critics.
4. Provide students with the opportunity to develop an understanding of human relationships and how they affect both the teaching-learning process and the context in which schools operate as well as develop interpersonal/group skills which will enhance their school effectiveness.

A core of 12 semester hours in foundation courses in Education is required as indicated. Education 502: Introduction to Research, (3), must be completed as part of the requirements for admission to candidacy to the Master of Education degree, and, schedule permitting, it is strongly recommended that it be taken at the outset of graduate study.

Required (12 semester hours)

Education 502: Introduction to Research, (3)

Choice of one of the following three:

Education 500: Historical, Philosophical and Social Foundations, (3), or
Education 501: Comparative Education, (3), or
Education 510: Seminar: Recent Issues in Education, (3)

Choice of one of the following three:

Education 508: Seminar - Research in Human Development, (3), or
Education 532: Measurement and Evaluation in Education, (3), or
Education 545: Learning and Instruction in the Schools, (3)

Choice of one of the following three:

Education 503: Classroom Management, (3), or
Education 504: Multicultural Education, (3), or
Education 584: Group Dynamics in Classroom Settings, (3)

In addition to foundation courses, each Master of Education candidate will select an area of concentration consisting of an approved 12 semester hours concentration, six hours of approved electives and a master's thesis or approved course substitute. Detailed descriptions of available courses and additional information concerning each area of concentration will be provided by advisors.

The area of concentration shall be selected from one of the following areas: Counseling, Early Childhood Education, Educational Administration, Elementary Education, English, Geography, History, Mathematics, Media and Technology, Music, Psychology, Reading Education, Science or Secondary Education. At least six semester hours in the concentration shall be selected from courses at the 500 level (i.e., available exclusively for graduate credit).

Example:

12 Semester Hours - Foundation courses
12 Semester Hours - Concentration
6 Semester Hours - Approved electives
3 Semester Hours - Thesis project or course substitute.

Concentration

Areas of concentration will be determined by the student and the Education Department advisor in cooperation with individual academic departments.

Thesis Option or Course Substitute

Students are required to complete a thesis or an approved course substitute. Guidelines for these options are available in the Education Office.

Those electing the thesis option will enroll in Education 530: Directed Research (3), and will submit the completed project to the project director. They must also satisfactorily complete an oral examination on the project to be scheduled through the faculty advisor after completion of the project.

The Master of Arts Degree in English

I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State College Graduate Division, outlined above, an applicant for admission to the English M.A. program must have:

- A. The undergraduate English major or its equivalent (30 semester hours of English beyond freshman English) with a 3.0 grade point average in those undergraduate English courses. A student who fails to meet this requirement should consult the English Department's graduate director regarding removal of deficiencies.
- B. Acceptable scores on the Graduate Record Examination aptitude test and Advanced Test in English. A minimum score of 500 on the Advanced Test in English is required; however, under special circumstances, the English Department Graduate Committee may admit candidates who do not meet this condition. A student who chooses the Language/Composition concentration described below should only submit the GRE aptitude test results.
- C. Two letters of recommendation from persons qualified to judge the applicant's ability to do graduate work in English.
- D. A written description of the applicant's reason for pursuing English graduate study and academic goals within the discipline.

II. Admission to Candidacy

- A. After satisfactory completion of at least 12 semester hours and not more than 18 semester hours, under plan A or B as indicated below, the student should apply for admission to candidacy for the master of arts degree. Graduate students are required to earn a minimum of 15 semester hours after admission to candidacy, except in special cases authorized by the dean of Graduate Studies.

III. Course Requirements

- A. To be eligible to receive the M.A. in English, the graduate student must complete 33 semester hours. Included in the 33 hours must be a minimum of six semester hours of English at the 500 level.
- B. The graduate student must maintain a cumulative average of 3.0 (B) or higher on all courses and must have no grades below C. After completion of the first three courses (nine semester hours) in the

program, any final grade lower than C will disqualify the student from continued enrollment in the program.

C. The student may choose one of the three following ways to meet degree requirements. All course selections must be approved by the faculty advisor.

1. Plan A (non-thesis)
 - a. At least 24 semester hours of English at the 400-500 level.
 - b. Up to nine semester hours at the 400-500 level in one supporting discipline, e.g., Education, History, Modern Languages, Philosophy, Psychology, Sociology, Communication Arts or Art.
2. Plan B (thesis)
 - a. At least 21 semester hours of English at the 400-500 level.
 - b. Up to nine semester hours in one supporting discipline listed under Plan A above.
 - c. Three semester hours thesis credit (English 531).
3. Plan C (Language/Composition)
 - a. At least 18 semester hours of course work at the 400-500 level in language study and writing pedagogy, of which the following are required: English 431 and 465; Education 454 and 455.
 - b. A required course in Literary Analysis (463) and up to 12 semester hours of 400-500 level course electives in English; six of these hours are to be in literature. Subject to the graduate director's approval of the specific course, three of these 12 semester hours may be elected from 400-500 level courses outside the English Department.

IV. Procedures of the Academic Program

The student may elect to concentrate in an area of emphasis compatible with his needs and with the availability of course offerings outlined in the department's course scheduling sequence. This area may be a period of British, American or Comparative Literature, a genre of literature, or the Study of Language, Rhetoric and Composition. Within the departmental course offerings, he may elect also a subordinate emphasis upon Folklore or Film.

V. Additional Requirements

To help maintain a measure of commonality and a liberal scope to the degree program, all candidates for the English M.A., with the exception of those involved in the Language/Composition concentration, must take a written comprehensive examination. As soon as a student has been admitted to the program, he will be provided with a list of primary and secondary materials one needs to study in preparation for the examination. Students are responsible for all materials on the list regardless of the course work they may elect. Students may take the examination at the conclusion of any semester in which they currently maintain good standing in the degree program, though they may not delay the examination longer than one full semester following the completion of their coursework. Every examination will be evaluated by two members of the English Department faculty unless a third opinion of an examination's merits should be required. In order to earn the English M.A., a student must pass this comprehensive examination within two tries.

The Master of Arts Degree in History

I. Requirements for Admission to Candidacy

- A. At least 15 semester hours in History from the junior-senior level or above, including a course in historiography, and a grade point average of 3.0 or better in all History courses. This preparation is designed to serve as a foundation for graduate study in History and is therefore ineligible for inclusion in the 33 semester hours normally required for the degree. Students lacking this preparation must make up the deficiency prior to becoming eligible for admission to candidacy.
- B. Submission of an official copy of scores in the Graduate Record Examination Aptitude Test and Advanced Test in History. In special circumstances, the chairman of the History Department may permit the student to take the advanced test in another field. It is expected that students will submit the GRE scores at the time they apply to enter the History Department program. Students may be provisionally admitted to the History Department graduate program without the GRE scores if the undergraduate records show exceptional promise. In such cases, the GRE scores must be submitted to the department before the end of the first semester of full-time graduate study or before completion of 12 hours of part-time studies.
- C. A minimum score of 1000 combined verbal and quantitative on the GRE aptitude test and 500 on the Advanced Test in History or a minimum 50th percentile on each test is required; however, under special circumstances the History Department may admit candidates who do not meet this condition.
- D. Two letters of recommendation from persons qualified to judge the applicant's ability to pursue graduate studies in History.
- E. Submission of the completed application for admission to candidacy to the dean of Graduate Studies. This application should be submitted after completion for the requirements indicated above and at least 12 semester hours of graduate degree credit and not later than having completed 18 hours with cumulative average of 3.0 or higher and no grade below C.

Graduate degree students are required to earn a minimum of 15 semester hours of graduate credit

after admission to candidacy except in special cases authorized by the dean of Graduate Studies.

II. Course Requirements

A minimum of 33 semester hours, with cumulative grade of B or higher and no grade below C, is required for the Master of Arts degree in History. At least 15 semester hours must be taken in courses at the 500-level, and this 15 hours must include at least nine semester hours at the 500-level History (i.e., courses available exclusively for graduate credit). The remaining six hours must be in History or in the student's designated minor field.

Students admitted to the M.A. program in History may choose either Plan A or Plan B for meeting course requirements. All course selections must be approved by the History Department faculty advisor.

Plan A

1. Eighteen semester hours in History
2. Nine semester hours in one minor field (Education, English, Geography, Psychology, etc.)
3. Six semester hours: thesis in History

Plan B

1. Twenty-four semester hours in History
2. Nine semester hours in one minor field (Education, English, Geography, Psychology, etc.)

III. Additional Requirements

All candidates for the M.A. in History must satisfactorily complete both a written and an oral examination near the completion of their program requirements demonstrating proficiency in the areas of study undertaken. Students should contact the chairman of the History Department in this regard after completion of 21 semester hours of graduate credit. Plan A students must complete this examination requirement either prior to or in the semester concurrent with registration for the thesis.

The Master of Science Degree with Major in Nursing

Graduate education in Nursing builds upon generalized preparation at the undergraduate level and provides advanced role preparation and knowledge in a specialized area of Nursing. Salisbury State College offers a master's degree program with a major in Adult-Health Nursing in Rural Areas with functional role preparation in either Nursing Service Administration or Clinical Specialization. The program is also designed to provide a basis for doctoral study in Nursing.

Students seeking the Master of Science degree with a major in Nursing must complete an approved program of study, including a minimum of 40 semester hours of graduate credit with a cumulative average of B or higher and no grade lower than C. The program may normally be completed in two academic years of full-time study. Part-time study leading to the degree is also available.

I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State College Graduate Division outlined above, applicants for admission to the graduate program in Nursing must meet the following requirements:

- A. Completion of a National League for Nursing accredited baccalaureate degree program in Nursing.
- B. Grade point average of 3.0 on a 4.0 scale.
- C. An official copy of scores on the Graduate Record Examination (GRE)-aptitude test only.
- D. Completion of a recent undergraduate course in statistics.
- E. Two letters of reference from individuals familiar with the applicant's qualifications for graduate study.
- F. A curriculum vitae, with a statement of reasons for pursuing the Master of Science degree and a statement of academic goals.
- G. Proof of current licensure as a registered nurse.
- H. Proof of current malpractice insurance.
- I. Completion of an approved course in physical assessment. If the applicant has not met this prerequisite at the undergraduate level, a course in physical assessment may be taken at Salisbury State College prior to enrolling in a clinical course.
One year of work experience as a registered nurse or part-time employment prior to enrolling in clinical courses in the program is highly recommended.

II. Course Requirements

A minimum of 40 semester hours, approved by the department advisor and taken in the prescribed sequence according to the functional area selected, must be completed with a cumulative grade point average of 3.0 or better and with no grade lower than C.

Each student will elect to take either Clinical Specialization or Administration in Nursing Service as a functional role. Once the choice has been made, the potential clinical specialist will take Epidemiology/Physiology and Clinical Specialization, and the potential administrator will take the Health Care Finance course and Administration in Nursing Service, in addition to the other required courses and electives.

III. Additional Requirements

All candidates for the Master of Science degree with a major in Nursing must take three semester hours of Research Development and complete a thesis.

The student and his advisor will select a thesis committee composed of three faculty members. At least

one of these faculty members must be a member of the graduate faculty from the Department of Nursing. The thesis committee must approve the student's thesis proposal before the student initiates the research.

Upon completion of the thesis, an oral examination will be conducted by the thesis committee.

Guidelines for thesis are provided by the department.

COOPERATIVE PROGRAM - SALISBURY STATE COLLEGE AND WIDENER UNIVERSITY

Salisbury State College and Widener University have established a cooperative program to provide expanded opportunities for specialized graduate education in Nursing. Through this program, students enrolled in the master's degree program at Salisbury State College may elect to receive advanced preparation at Widener University as clinical specialist in Oncology Nursing or Burn Emergency and Trauma Nursing. Students enrolled in the master's degree program at Widener University may elect to receive advanced preparation at Salisbury State College as clinical specialist in Adult Health Nursing in rural areas.

The Master of Arts Degree in Psychology

I. Admission to the Program

The Department of Psychology offers a Master of Arts degree in General Psychology with options in School Psychology and Counseling Psychology. In addition to the general requirements for admission to graduate study, students seeking admission to the Master of Arts program in Psychology must meet the following requirements:

- A. Completion of the departmental application for admission to the M.A. program in Psychology.
- B. Completion of requirements for an undergraduate major, or equivalent, in Psychology or related area (i.e., Social Work, Sociology, Education) with acceptable grade point averages in both the major field and overall baccalaureate program. Students without this preparation and/or whose grade point averages fall below acceptable levels may petition the Psychology Department Graduate Committee for admission and, if successful, may be provisionally admitted to the program while making up deficiencies.
- C. Completion of undergraduate courses in Psychology Statistics, Experimental Psychology and Psychology of Learning are required since these courses provide a foundation for graduate study in this field. Students without this foundation may be conditionally admitted to the program but must make up the deficiency prior to formal admission to the degree program.
- D. Submission by an appropriate agency of acceptable scores on the Miller Analogies Test. Testing arrangements may be made through the Psychology Department Office on campus.
- E. Submission of three letters of reference on standardized forms, available in the admissions packet, from individuals familiar with the applicant's qualifications for graduate study.

II. Admission to Candidacy

After satisfactory completion of at least 12 semester hours, but not more than 18 semester hours, in the master's degree program, the student should apply for admission to candidacy for the Master of Arts degree. Graduate students are required to earn a minimum of 15 semester hours of graduate credit after admission to candidacy except in special cases authorized by the dean of Graduate Studies.

III. Course Requirements

A minimum of 36 semester hours, approved by the departmental advisor and student's committee and taken in the prescribed sequence according to the area of concentration selected, with grade point average of B or better.

IV. Additional Requirements

- A. Satisfactory completion of a written comprehensive examination. Scheduling of the examination is by written request of the student, submitted at least one month prior to the planned examination date after consultation with the advisor. Students failing to complete this examination satisfactorily will be entitled to one re-examination only, to be scheduled after an appropriate time for review.
- B. Satisfactory completion of a thesis for three hours credit (Psychology 531). The thesis topic must be approved by a committee of three faculty members selected by the student and his advisor. Upon completion of the thesis, an oral examination will be conducted by the student's thesis committee. Guidelines for thesis preparation are provided by the department.

COURSES OF INSTRUCTION

Art

490. INDEPENDENT STUDY

Variable 1-3 hours credit

A course to provide directed study in one or a combination of studio disciplines. May be repeated once under a different subtitle. Students must furnish their own materials. **Prerequisite:** Approval of the department chairman prior to registration.

500. SEMINAR: ISSUES IN ART

3 hours credit

Discussions and research concerning timely topics in Art, including direct student participation and faculty lectures. Topics may vary from semester to semester. May be repeated once for degree credit under different course subtitle. **Prerequisite:** Consent of instructor. **Four hours per week.**

NOTE: See Education Department listings for course in Art Education (Education 495).

Biology

410. ESTUARINE BIOLOGY

3 hours credit

This course is a general study of estuarine biology with a focus on the Chesapeake Bay. The biota found there, its unique biology, and current perturbations due to environmental pollution will be covered in detail. A brief introduction to physical and chemical processes of estuaries is also included. **Prerequisite:** Biology 121, 122, 201 (Biology 321 is strongly recommended). **Two hours lecture and two hours laboratory per week.**

415, 416. RESEARCH IN BIOLOGY

3 hours credit each

Independent study, in which each student conducts his own research project under the supervision of a member of the faculty. **Prerequisite:** Approval of project by supervisor. Normally reserved for advanced undergraduates and graduates. One hour of formal instruction each week and two additional hours to be arranged individually.

418, 419. BIOLOGY SEMINAR

1 hour credit each

Discussions concerning timely topics in Biology and related fields. Includes direct student participation and faculty lectures. **Prerequisite:** Consent of the instructor. **One hour per week.**

422. GENERAL PHYSIOLOGY

3 hours credit

Encompasses the underlying physical and chemical principles of vital activity. Basic mechanisms are emphasized. The laboratory will include techniques in physiological investigation. **Prerequisite:** Biology 201, 204 or 122 and consent of instructor. **Two hours lecture and three hours laboratory per week.**

423. ELECTRON MICROSCOPY

3 hours credit

Introduction to the principles and techniques of electron microscopy in Biology, including tissue fixation, embedding, ultra-microtomy, microscopy and photography. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122 and completion of the biology core program or equivalent. **Two hours lecture and three hours laboratory per week.**

430. PLANT PHYSIOLOGY

4 hours credit

Advanced study of the physiological mechanisms utilized by plants with special reference to higher phyla. **Prerequisite:** Biology 121 or 203. A minimum of eight hours of chemistry is highly recommended. **Two hours lecture and four hours laboratory per week.** (Available for either graduate or undergraduate credits.)

435. CYTOLOGY

3 hours credit

A discussion of the structure and function of the cell and its components. Laboratory work is based on light microscopy and electron microscopy. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122 and completion of the Biology core program or equivalent. **Two hours lecture and three hours laboratory per week.**

440. CONTEMPORARY GENETICS

3 hours credit

A lecture course for advanced undergraduates dealing with the "new genetics" techniques giving rise to the biochemical manipulations of genetic traits through the use of restrictive nucleases, gene cloning, transformation and directed genetic engineering. **Prerequisites:** Biology 201, 202, Chemistry 202, 204, or consent of instructor.

490. SPECIAL TOPICS IN BIOLOGY

Variable 1-3 hours credit

A study of a specific area of Biological Science. The topics will vary from semester to semester.

This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122 and approval of the instructor.

501. MODERN CONCEPTS IN BIOLOGY 3 hours credit

A study of the most recent developments in biology, with special emphasis on genetics, animal behavior and sociobiology. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122 and completion of the Biology core program or equivalent. **Three hours lecture per week.**

502. BIOLOGY AND ENVIRONMENT 3 hours credit

A study of organisms as integral parts of their environments, including field studies involving applications of environmental principles. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122 and completion of the Biology core program or equivalent. **Two hours lecture and two hours laboratory per week.**

503. CONTEMPORARY CELL BIOLOGY 3 hours credit

An intensive study of the latest findings in cell biology, with application to the pressing problems of today. **Prerequisite:** Biology 201, 202 and at least one year of Chemistry. **Three hours lecture per week.**

504. PERSPECTIVES IN MODERN GENETICS 3 hours credit

Intensive study of modern genetics for the advanced student. Findings in molecular, cellular and developmental genetics will be related to classical genetic theory and current problems. **Prerequisites:** Biology 201, 202 and at least one year of Chemistry. **Three hours lecture per week.**

553. SELECTED TOPICS: EPIDEMIOLOGY/PHYSIOLOGY 3 hours credit

A course which incorporates basic concepts of epidemiology and advanced physiology to examine major causes of adult morbidity and mortality. Included is the study of heart disease, chronic obstructive pulmonary disease, diabetes, cancer, alcoholism and depression. **Three hours lecture per week.**

Business Administration

510. GRADUATE SURVEY OF ACCOUNTING 3 hours credit

An introduction to the principles of Accounting for proprietorships, partnerships and corporations. Surveys current financial accounting principles, the accounting cycle and financial statements. (M.B.A. leveling course.) **Prerequisite:** Provisional status in M.B.A. program. **Three hours per week.**

520. GRADUATE SURVEY OF ECONOMICS 3 hours credit

An introduction to macro and micro economic principles. Examines the constraints and choices imposed on the firm by resource limitations, technology, the competitive environment, the growth and stability of aggregate income and a wide range of public policies. The rationale for policies to modify or augment private production and spending decisions will be considered. (M.B.A. leveling course.) **Prerequisites:** Math 150, 151; COSC 110 and 111; or equivalent; and provisional status in M.B.A. program. **Three hours per week.**

530. GRADUATE SURVEY OF QUANTITATIVE ANALYSIS 3 hours credit

Introduction to decision-making tools and techniques for making operational, administrative and upper management level decision. Mathematical and statistical models will be applied to managerial decision-making situations. (M.B.A. leveling course.) **Prerequisites:** Math 150, 151; COSC 110 and 111; and provisional status in M.B.A. program. **Three hours per week.**

540. GRADUATE SURVEY OF FINANCE 3 hours credit

A comprehensive course in modern financial management. Includes financial theories, working capital management, capital acquisition, international finance, mergers and acquisitions, bankruptcy and reorganization, and leasing. (M.B.A. leveling course.) **Prerequisites:** BUAD 510, 520, 530, or equivalent; and provisional status in M.B.A. program. **Three hours per week.**

550. GRADUATE SURVEY OF MANAGEMENT 3 hours credit

A study of the interrelationship of various management functions; principles of general management, production management, management information systems; and management of international operations. Introduces various schools of management, modern organizational theories and

the elements of decision-making. (M.B.A. leveling course.) **Prerequisites:** Provisional status in M.B.A. program. **Three hours per week.**

560. GRADUATE SURVEY OF MARKETING 3 hours credit

An examination of markets and marketing functions responding to a dynamic environment. An overview of marketing functions and institutions adapting to social, economic, legal and technical change. Special emphasis will be placed on the ramifications of consumerism and regulation of marketing activities. (M.B.A. leveling course.) **Prerequisite:** Provisional status in M.B.A. program. **Three hours per week.**

615. RESEARCH METHODOLOGY 3 hours credit

Designed to develop techniques and methods for research. Includes identifying and defining managerial problems, reviewing the literature and stating problems in terms of testable hypotheses and methods of testing hypotheses. A major research paper is required. **Prerequisite:** Admission to M.B.A. program, including either Managerial Accounting (BUAD 640) or Corporate Financial Management (BUAD 650).

620. ORGANIZATIONAL THEORY/BEHAVIOR 3 hours credit

A development of a framework for understanding the modern business enterprise. Includes a review of management thought and organizational theory, the functions of management and recent trends in management theory and practice. The contributions of behavioral science, management science, systems theory, contingency theory and other relevant theories are examined. **Prerequisite:** Admission to MBA program. **Three hours per week.**

625. ORGANIZATIONAL BEHAVIOR SEMINAR 3 hours credit

A study of individual and group behavior in organizational structures to understand the interaction of managers with other members of the organization. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

630. ECONOMIC ENVIRONMENT OF THE ORGANIZATION 3 hours credit

Analysis of factors which determine aggregate production, income and employment. Evaluation of fiscal, monetary and income policies; review of forecasting techniques. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

635. EXTERNAL ENVIRONMENT OF THE ORGANIZATION 3 hours credit

A study of the environmental forces which influence the organization. Includes identification and measurement of external forces and effects on management decisions. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

640. MANAGERIAL ACCOUNTING 3 hours credit

The study of the use by management of accounting information for planning and control. Includes budgeting, cash-flow analysis, cost behavior concepts, strategic planning and financial reporting. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

650. CORPORATE FINANCIAL MANAGEMENT 3 hours credit

A review of financial theory and techniques. Topics include capital acquisition, working capital management, use of the capital asset pricing model, capital budgeting and international corporate finance. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

655. ADVANCED CAPITAL BUDGETING SEMINAR 3 hours credit

An analysis of capital acquisition decision-making. Topics include decisions under uncertainty, the capital asset pricing model, buy-lease decisions, inflation effects, models for portfolio analysis and capital rationing. **Prerequisite:** BUAD 650. **Three hours per week.**

660. MARKETING STRATEGY 3 hours credit

A study of classic and contemporary marketing strategies for both profit and non-profit organizations. Considers the organizational-environmental interface as a shaping factor in planning and implementing the marketing mix. Emphasis will be placed on planning in a dynamic environment. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

665. ADVANCED MARKETING PROBLEMS SEMINAR 3 hours credit

The study of comprehensive market planning. To provide the student with the opportunity to diagnose actual marketing problems as presented by local business firms and to prescribe solutions. To analyze and evaluate current events as reported

by media. **Prerequisite:** BUAD 660. **Three hours per week.**

670. MANAGERIAL DECISION-MAKING
3 hours credit

The study of rational decision-making in organizations. Topics include the decision-making process, decision, economics and operational analysis models, Bayesian information analysis, forecasting and decision implementation considerations. Emphasis on the role of the decision-maker in management. **Prerequisite:** Admission to the M.B.A. program. **Three hours per week.**

675. ADVANCED MANAGEMENT PROBLEMS SEMINAR
3 hours credit

A study of socio-economic issues that relate to or directly impact on business organizations in the context of managerial decision-making. Current national and international events will be the basis for problem/issue analysis. **Prerequisite:** Admission to the M.B.A. program. **Three hours per week.**

680. CORPORATE STRATEGIC PLANNING AND POLICY
3 hours credit

The study of the functions of top management, the crucial problems that affect success in the total enterprise and the decisions that determine the direction of the organization and shape its future. Topics include formulation of corporate strategy, resource management, personal and ethical values and their influence on organizational structure, process and behavior. **Prerequisite:** Completion of 12 semester hours at 600-level in SSC M.B.A. program, including either Managerial Accounting (BUAD 640) or Corporate Financial Management (BUAD 650). **Three hours per week.**

Chemistry
(See Physical Sciences)

Communication Arts

400. COMMUNICATION AND CULTURE
3 hours credit

Philosophy and theories of human communication: structures, relations and interactions between forms of communication within their cultural settings. **Three hours per week.**

450. SPEECH CORRECTION AND THE CLASSROOM TEACHER
3 hours credit

A study of childhood speech and hearing disorders

and methods for the classroom teacher in effectively dealing with student referral, the promotion of good speech habits and therapeutic reinforcement. **Three hours per week.**

452. DEVELOPMENT DISABILITIES IN SPEECH AND LANGUAGE ACQUISITION
3 hours credit

A study of speech and language development and perceptual disorders which affect language comprehension and use. Communication problems resulting from the delay, breakdown or misuse of language function will be considered. **Three hours per week.**

453. CREATIVE DRAMATICS
3 hours credit

Emphasis is centered upon the manner in which creative dramatics assist in the growth of the child. The course considers creative dramatics as a motivating factor in the teaching and learning process. **Three hours per week.**

490. SPECIAL TOPICS IN COMMUNICATION
Variable 1-3 hours credit

Intensive study of a selected topic in speech, communication studies or theatre. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

500. ORAL READING AND THE TEACHING OF LITERATURE
3 hours credit

Design to lead the student to an awareness of literature through the performing self to reinforce the concept that one's physiological and psychological processes are bound together in the act of understanding what stories and poems mean. **Three hours per week.**

510. SEMINAR IN INTERPERSONAL COMMUNICATION
3 hours credit

The investigation of speech-communication from the point of view of conflict, manipulation, barriers and breakdowns; factors which undermine human potential for optimum reciprocal social intercourse. **Three hours per week.**

Computer Science

410. DATA BASE MANAGEMENT SYSTEMS
3 hours credit

Study of the design, implementation and application of Data Base Management Systems. Several commercially available systems will be examined. **Prerequisite:** Experience with File-Design Concepts (COSC 382 or 385). **Three hours per week.**

415. DATA COMMUNICATION SYSTEMS
3 hours credit

The concepts and characteristics of data communication systems, including distributive networks, concentrators and multiplexors, remote terminals, modems and processors. Examination of control hardware and software systems. **Prerequisite:** COSC 386.

422. ORGANIZATION OF PROGRAMMING LANGUAGES
3 hours credit

The organization of programming languages, with emphasis on their formal specifications and on the run-time behavior of programs. **Prerequisites:** COSC 383 and 385 **Three hours per week.**

450. SOFTWARE SYSTEMS II
3 hours credit

Analysis of the operating system, the program which supervises the activity of the computer. Resource allocation will be emphasized. **Prerequisite:** COSC 383 and 385. **Three hours per week.**

490. SPECIAL TOPICS
3 hours credit

For the student who wishes to study in certain specialized areas such as functional analysis, multivariate statistics or artificial intelligence. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** (For most topics) Math 306 and 310. **Three hours per week.**

501. COMPUTER SCIENCE FOR MATH AND SCIENCE TEACHERS
3 hours credit

Study of microcomputers, advanced programming concepts and other topics appropriate to secondary school teachers of mathematics and science. **Prerequisite:** Ability to design and write clear programs (COSC 181).

Education

405. THE LAW AND PUBLIC EDUCATION
3 hours credit

A study of school law which affects the teacher and the public school. The nature and scope of school law are considered as generally applied to the purposes and functions of the school system.

407. APPLIED AUDIO-VISUAL METHODS IN TEACHING
3 hours credit

A survey of instruction technology, media and methods. The identification and critique of concepts, principles, and issues re: the application of I.T. and media to the curriculum. **Three hours per week.**

408. CHILDREN'S LITERATURE
3 hours credit

A study of the works of important writers and artists in each of the major types of children's books (fairy tales, picture books, realistic fiction, fantasies, biographies, etc.). Historical trends and methods of incorporating children's literature into the elementary program are included. **Three hours per week.**

409. LITERATURE FOR ADOLESCENTS
3 hours credit

A study of literature written specifically for and about the contemporary adolescent with emphasis on methods of teaching aspects of it to build adolescent appreciation for the more established literary selections found in secondary school curriculum. **Prerequisites:** At least three courses in literature beyond English 102 are required. Admission to Professional Teacher Education Program. **Three hours per week.**

412. CURRICULUM AND METHODS IN ELEMENTARY SCHOOL PHYSICAL EDUCATION
3 hours credit

Principles of curriculum construction, selection and organization of materials. Lesson planning and teaching methods. Survey of current trends. **Three hours per week.**

414. PRODUCING GRAPHIC MATERIALS IN EDUCATION
3 hours credit

Identification of basic principles and procedures used in planning and producing graphic instructional materials. Appropriate activities also provided to integrate media techniques into participant's professional skills. **Three hours per week.**

415. USING PHOTOGRAPHY IN EDUCATION
3 hours credit

Emphasis on increasing competencies in the development of photographic instructional materials. Students will identify basic principles and practices of photography and become involved in activities that apply photographic technique to instructional material development. **Three hours per week.**

416. FILM MAKING IN EDUCATIONAL SETTINGS
3 hours credit

This course is designed to foster film making skills in school situations. Students work in teams in planning and producing super 8mm films. Emphasis given to animation, live-action and montage techniques. **Three hours per week.**

417. TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL
3 hours credit

Development and demonstrating practical methods of teaching language skills in the elementary school. Emphasis is on creative, inductive, modern techniques.

418. TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL
3 hours credit

Selection, organization, presentation and evaluation of mathematics materials in the elementary school classroom. Emphasis on recent research in teaching and adapting programs of the new mathematics. **Three hours per week.**

419. TEACHING MUSIC IN THE ELEMENTARY SCHOOL
3 hours credit

Techniques for teaching music in the elementary school; study of the child voice; appropriate singing, listening, rhythmic, instrumental and creative activities; remedial work for poor singers, activities for musically talented children; comprehensive overview of music materials and their application to the elementary school curriculum. **Prerequisite:** Admission to Professional Teacher Education Program. Music 200, (or equivalent, or approval of instructor). **Three hours per week.**

420. FOUNDATIONS OF READING
(Elementary Education)
3 hours credit

Deals with pre-reading skills, beginning reading, informal assessment, analysis of reading programs, grouping procedures, word attack skills and development of vocabulary and comprehension abilities. Intended for personnel in Elementary Education. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week.**

422. FOUNDATIONS OF READING
(Secondary Education) **3 hours credit**

Includes analysis of the reading process, assessment of content materials, reading in content areas, word attack skills, vocabulary and comprehension development, corrective reading, and study strategies. Intended for personnel in middle, junior and senior high schools. **Three hours per week.**

425. TEACHING READING COMPREHENSION: RESEARCH/INSTRUCTION
3 hours credit

This course, an elective in reading education, investigates contemporary research relating to the development of reading comprehension, procedures assessing reading comprehension competencies and teaching strategies for improving comprehension proficiency. Designed for elementary or middle school reading and resource teachers. **Prerequisite:** Admission to Professional Teacher Education Program, and either Education 316 or 420 or 422.

427. CLASSROOM ANALYSIS AND CORRECTION OF READING DIFFICULTIES
3 hours credit

Includes causes and prevention of reading disabilities, strategies for the collection and analysis of reading behavior, and instruction programs for correction. Intended for teachers interested in reading disabilities, but who do not wish to specialize in reading education. **Prerequisite:** Education 316 or 420 or 422. **Three hours per week.**

429. TEACHING MUSIC IN THE SECONDARY SCHOOL
3 hours credit

Methods and materials of music teaching in grades 7-12. The areas of emphasis are vocal, instrumental and general music. **Prerequisites:** Music 200. **Three hours per week.**

435. GUIDANCE
3 hours credit

A basic course in the principles of guidance and related pupil personnel services, including the meaning and purpose of guidance and common adjustment problems. **Three hours per week.**

436. VOCATIONS: DEVELOPMENT AND APPRAISAL
3 hours credit

Surveys vocational choice with emphasis on developmental theory. Occupational information and the appraisal of vocational interests are emphasized. **Three hours per week.**

437. MATERIALS AND METHODS IN CAREER EDUCATION
3 hours credit

Rationale for and methods of career education in elementary and secondary schools. Emphasis is given to the psychological and philosophical bases, identification of researchable problems, implications and implementation of careers curricula. **Three hours per week.**

438. PRODUCING SLIDE-TAPE PROGRAMS IN EDUCATIONAL SETTINGS
3 hours credit

This course is designed to foster slide-tape production skills in school situations. Students work individually in planning and producing slide-tape shows. Emphasis given to single and multi-image techniques. **Three hours per week.**

439. SINGLE CAMERA VIDEO-TAPING IN EDUCATIONAL SETTINGS
3 hours credit

This course is designed to foster TV/VTR production skills in school situations. Students work in teams in planning and producing videotapes. Emphasis given to portable single camera equipment. **Three hours per week.**

440. INTRODUCTION TO EARLY CHILDHOOD EDUCATION
3 hours credit

Introduction to curriculum and methods in early childhood education, including theories, practices, techniques and materials. **Prerequisites:** Education 300 (previously numbered as Education 446). **Three hours per week.**

441. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM I
3 hours credit

Materials and methods for teaching language arts to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, use of space, class management and lesson planning. Attention to art, music, nutrition, safety, health education, motor activities and positive teacher-parent relations. **Prerequisite:** Education 440. **Three hours per week.**

442. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM II
3 hours credit

Materials and methods for teaching science, social studies and math readiness to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, room design, class management and lesson planning. Attention to management, professional development, curriculum development roles and field trip planning. **Prerequisite:** Education 440. **Three hours per week.**

445. DIRECTED TEACHING IN THE KINDERGARTEN
6 hours credit

Students are placed in kindergarten classrooms for a full semester, three hours daily. Students observe teaching, work with children and teach and participate in activities for which regularly employed teachers are responsible. **Prerequisites:** Education 440; Education 441 or 442; acceptance into the Professional program. **Pass/Fail basis only.**

449. MULTI-CAMERA VIDEOTAPING IN EDUCATIONAL SETTINGS
3 hours credit

An introduction to the fundamentals of videotaping in a multi-camera environment. "Hands-on" experience in planning and producing videotapes in educational settings. **Three hours per week.**

454. COMPOSITION: CURRICULUM AND METHODS
3 hours credit

An investigation of (1) selected public school composition curricula and (2) a number of methodologies for teaching composition. Participants evaluate curricula and methodologies on criteria developed from (1) current literature on the writing process and (2) Continuing Education Department association with public schools. **Prerequisite:** At least one course in composition beyond 101.

460. METHODS AND CURRICULUM FOR TEACHING THE MENTALLY RETARDED
3 hours credit

A survey of problems related to the development of teaching methods and curriculum for the retarded including current program adaptations and special methods. **Three hours per week.**

461. SEMINAR: TEACHING THE MENTALLY RETARDED
3 hours credit

Individual research on problems of teaching the mentally retarded with discussion of techniques and approaches for meeting these problems is the focus of the course. **Three hours per week.**

464. TEACHING MATHEMATICS TO THE MENTALLY RETARDED
3 hours credit

A study of the methods and materials used in teaching mathematics to the mentally retarded with a stress on adaptations of current curriculum materials. **Prerequisite:** Education 311. **Three hours per week.**

467. EDUCATING THE MILDLY HANDICAPPED CHILD
3 hours credit

This course is designed to acquaint classroom teachers with instructional approaches for the mildly handicapped learner. Major topics of the course include: mainstreaming, IEPs adapting instructional approaches, behavior management, stressing early childhood, elementary and secondary levels. Intended for the regular classroom teacher and not for certification in Special Education. **Degree credit allowed for either Education 467 or Education 480, but not for both. Prerequisite:** Education 300 or equivalent. **Three hours per week.**

471. COMPUTERS IN EDUCATION
3 hours credit

An overview of the role of computers in education. An examination of computer applications as they relate to specific teaching/learning operations and educational functions. **Prerequisite:** A teaching methods course or consent of instructor. **Three hours per week.**

475. METHODS AND MATERIALS IN ENVIRONMENTAL EDUCATION
3 hours credit

A course designed to increase the individual's awareness of his immediate environment with the aim of developing a broad philosophy of environmental education. Existing teaching methods and materials will be analyzed and new methods will be developed for use in interdisciplinary problem-focused situations. **Three hours per week.**

480. TEACHING CHILDREN WITH SPECIAL NEEDS
3 hours credit

Introductory instruction in the observation, identification and management of children, K-12,

with mild to moderate learning problems. **Three hours per week.**

485. DIAGNOSTIC-PRESCRIPTIVE TEACHING
3 hours credit

Designed to teach knowledge and skills in two areas. (1) diagnostic—the collection of information concerning children with special learning and behavioral needs; and (2) interventions—developing an instructional plan based upon the specific assessment data. **Prerequisite:** Education 480 or Psychology 423 or equivalent. **Three hours per week.**

490. SPECIAL PROBLEMS AND PRACTICES IN EDUCATION
Variable 1-6 hours credit

Individually designed programs including seminars, workshops and courses in curriculum development, planning, evaluation, specialized areas of study for purposes of enrichment, in-depth study of special problems and/or professional practices in education. **Prerequisite:** Permission of department chairman.

495. SPECIAL PROBLEMS AND PRACTICES IN ART EDUCATION
3 hours credit

A contractual course designed for regular classroom and Art teachers K-12/6/7-12. Individual programs of study in the areas of daily planning, curriculum development, seminars, workshops and project techniques. Students will furnish some materials. Recommended for senior undergraduate or graduate credit. This course may be taken twice, under different course subtitles recorded with the registrar.

500. HISTORICAL, PHILOSOPHICAL AND SOCIAL FOUNDATIONS
3 hours credit

Selected topics in intellectual and educational history from the time of ancient Greece to the present. The relation of education to historic traditions and social trends. **Three hours per week.**

501. COMPARATIVE EDUCATION
3 hours credit

The student will develop understanding of the comparative dynamics of educational systems in various countries. The criteria for such comparison will be developed as part of the course.

502. INTRODUCTION TO RESEARCH
3 hours credit

An introduction to the methods of scientific inquiry. Gaining experience in the use of research in defining a problem and in collecting, organizing and presenting information on it. **Three hours per week.**

503. CLASSROOM MANAGEMENT
3 hours credit

This course will aid teachers in developing practical skills needed to manage their classes more effectively. Recent research related to effective management techniques and its application in classrooms will be considered. Appropriate management strategies will be selected, implemented and evaluated in the classroom. **Three hours per week.**

504. MULTICULTURAL EDUCATION
3 hours credit

An examination of contemporary cultural diversity within the United States educational environments. Special attention will be given to cultural problems and issues that influence opportunity and performance in educational institutions. Human relations skills will be considered for improving success within culturally diverse populations. **Prerequisite:** Education 502. **Three hours lecture per week.**

505. THE LAW AND PROFESSIONAL NEGOTIATIONS
3 hours credit

A study of professional negotiations from the point of the teacher or other public employees in service. Materials are taken from rapidly developing labor law in the public sector with special emphasis given to operation of the Maryland professional negotiations law for teachers. **Three hours per week.**

506. SEMINAR IN TEACHING OF MATHEMATICS
3 hours credit

Analysis of recent theory and results of research for the teaching of mathematics. Students investigate developments at either the elementary or secondary school level. **Three hours per week.**

508. SEMINAR: RESEARCH IN HUMAN DEVELOPMENT
3 hours credit

A survey of research techniques and findings in the field of human growth and development. Research related to developmental characteristics of students will be considered. **Prerequisites:**

Education 300 or consent of instructor. **Three hours per week.**

510. SEMINAR: RECENT ISSUES IN EDUCATION
3 hours credit

Analysis of selected recent issues in education for critical study. Each student is required to survey and critically evaluate pertinent research on at least one issue. **Three hours per week.**

511. CRITICS OF EDUCATION
3 hours credit

An analysis of the validity of criticism of education. In-depth reading of contemporary authors will furnish the basis for critiques and discussion in a seminar format. **Three hours per week.**

512. SEMINAR IN THE TEACHING OF SOCIAL STUDIES
3 hours credit

Analysis of theory and research in the social sciences as applied to developing and teaching the social studies at either the elementary or secondary school level. **Three hours per week.**

513. SEMINAR IN THE TEACHING OF SCIENCE
3 hours credit

Analysis of recent advances in the teaching of science and the development of skills in applying these to classroom teaching at the elementary or secondary school level. **Three hours per week.**

514. SEMINAR IN CURRICULUM CONSTRUCTION
3 hours credit

A study of the factors underlying the public school curriculum and its development. Opportunities are provided for individual research in curriculum construction at either the elementary or secondary school level. **Three hours per week.**

516. PUBLIC SCHOOL ADMINISTRATION
3 hours credit

An analysis of the responsibilities of the school administrator including procedures for staff organization, in-service training, curriculum development, scheduling, guidance and other facets of school administration. **Three hours per week.**

517. PUBLIC SCHOOL SUPERVISION
3 hours credit

A study of the nature, methods and techniques of public school supervision emphasizing human

relationship and other factors involved in the role of the supervisor. **Three hours per week.**

520. THE DIAGNOSIS OF READING DISABILITIES
3 hours credit

Designed for professional personnel seeking specialization in clinical diagnostic techniques. Includes collection and analysis of reading behavior and examines various instruments and strategies for collection of data on children with reading disabilities. **Prerequisite:** Education 420 or 422. **Three hours per week.**

521. THE REMEDIATION OF READING DISABILITIES
3 hours credit

Designed for professional personnel seeking specialization in clinical-remedial techniques. Includes transfer of diagnostic data into teaching strategies and materials for programs of remediation. **Prerequisite:** Education 520. **Three hours per week.**

522. CLINICAL PRACTICUM IN READING
3 hours credit

Designed for professional personnel seeking advanced work in clinical diagnostic and remedial techniques. Includes diagnosis and remediation of children with severe reading disabilities. Emphasizes collection and analysis of test data and development of instructional programs for the severely disabled. **Prerequisite:** Education 521. **Three hours per week.**

523. ADVANCED SEMINAR IN READING EDUCATION
3 hours credit

A survey of the literature in reading education dealing with trends, needs and future directions in such topics as early identification, diagnostic techniques, remediation, severe reading disabilities, linguistics, learning modalities and others. **Prerequisite:** Education 522. **Three hours per week.**

524. PRODUCTION OF MEDIATED INSTRUCTIONAL ACTIVITY PACKAGES
3 hours credit

This course is designed to enable students to design and produce mediated instructional activities; emphasis includes individualizing and packaging those materials. **Prerequisites:** Education 407 or equivalent, Education 502 and consent of instructor.

525. ADVANCED MEDIA PRODUCTION
3 hours credit

A course designed to enable advanced students to design and produce high level media productions; emphasis includes the specifics of preproduction, as well as production procedures and techniques. May be taken twice under different course subtitles recorded with the registrar. **Prerequisites:** a 400-level course in the area of the student's project, Education 502 and consent of instructor.

526. SEMINAR: MEDIA, TECHNOLOGY AND INSTRUCTIONAL SYSTEMS
3 hours credit

A seminar designed to: (1) acquaint students with the dynamics of media, technology and instructional systems via required outside readings and in-class discussions; and (2) involves students in an in-depth investigation of a pertinent topic selected in consultation with the instructor. Paper required. **Prerequisites:** Education 407 or equivalent, Education 502 and consent of instructor. **Three hours per week.**

530. DIRECTED RESEARCH
3 hours credit

Preparation of optional research project in master's degree program under direction of departmental supervision.

532. MEASUREMENT AND EVALUATION
3 hours credit

A study of the purposes and procedures of measuring and evaluating characteristics of students, e.g., achievement, with particular emphasis on classroom decision-making in terms of instructional objectives and teacher-constructed tests. **Three hours per week.**

535. THE ROLE OF THE SUPERVISING TEACHER
3 hours credit

A study of recent trends in teaching and supervising student teachers. Emphasis is given to evaluating the total teaching-learning situation and to organizing and planning the instructional program. **Three hours per week.**

536. CREATIVITY IN EARLY CHILDHOOD EDUCATION
3 hours credit

An in-depth study of the creative process and of techniques that will promote creativity. **Prerequisite:** Education 446. **Three hours per week.**

537. SEMINAR IN EARLY CHILDHOOD EDUCATION
3 hours credit

Critical evaluation of developments occurring in early childhood education, as well as antecedents of modern practices. Review of pertinent research influencing shifts in ideas, practices and policies. **Prerequisite:** Education 446. **Three hours per week.**

540. COUNSELING THEORY AND PRACTICE
3 hours credit

Introduction to the theories and techniques of counseling applicable to the counselor's work in the public school. Students will become familiar with current personality theories as applied to counseling. Techniques of conducting interviews are included. **Prerequisite:** Basic guidance course. **Three hours per week.**

541. GUIDANCE TECHNIQUES IN ELEMENTARY SCHOOL
3 hours credit

A study of the role of the guidance specialist in the elementary school. Emphasis on current approaches to providing pupil personnel services for children from kindergarten through grade six. For teachers, supervisors and potential counselors. **Prerequisite:** Introductory guidance course. **Three hours per week.**

542. GUIDANCE TECHNIQUES IN SECONDARY SCHOOL
3 hours credit

A study of the role of the guidance specialist in the secondary school. Emphasis on current approaches to providing personal, educational, vocational guidance to youth from grades 7-12. For teachers, supervisors and potential counselors. **Prerequisite:** An introductory guidance course. **Three hours per week.**

543. SUPERVISED PRACTICUM IN GUIDANCE
3 hours credit

Participation in a guidance program at the grade level of interest to the student counselor. Regular conferences with the counseling supervisor are held. Critiques of tape recorded interviews are made. **Prerequisites:** Teaching experience, at least nine hours of guidance related course work including counseling theory and practice, and consent of the instructor.

545. LEARNING AND INSTRUCTION IN THE SCHOOLS
3 hours credit

The identification of classroom problems and issues related to and involving instruction, the development and application of strategies to aid in resolving issues and solving problems, and the coordination of student characteristics and environmental factors to improve the quality of learning experiences in the schools. **Three hours per week.**

584. GROUP DYNAMICS IN CLASSROOM SETTINGS
3 hours credit

Designed to aid educators in working effectively with groups in school settings. The laboratory method will be used to provide experience-based learning about group processes. Recent research on group dynamics and its application in school settings will be considered. A major emphasis will be placed on the acquisition of skills and strategies in developing effective classroom groups. These skills are particularly helpful in situations where students are being mainstreamed. **Three hours per week.**

590. SEMINAR IN EDUCATION
3 hours credit

A course in which topics will vary from semester to semester. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

591. DIRECTED INDEPENDENT STUDY
Variable 1-3 hours

Designed to permit self-study of problems not considered in other courses. This course may be taken twice under different course subtitles. **Prerequisites:** Approval of course instructor and department chairman.

598. COUNSELING WITH MINORITY GROUPS
3 hours credit

A seminar-workshop course designed to focus attention on philosophy and method of dealing with current social problems of race, religion and disadvantaged in the public schools. **Prerequisite:** Teaching experience.

English

405. MAJOR FILM DIRECTORS
3 hours credit

Intensive study of individual American and foreign *auteur* directors, singly or in groups. Focus primarily on those artists who write their own

screenplays as well as direct their own films. May be repeated twice if different directors are studied. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

411. CHAUCER (Author)
3 hours credit

Chaucer's major works with emphasis on *The Canterbury Tales*. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

412. MILTON (Author)
3 hours credit

The sonnets, companion poems, essays, and drama, emphasis on *Paradise Lost*. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

414. ELIZABETHAN AND JACOBAN LITERATURE (Period)
3 hours credit

A study of major British literature, exclusive of Shakespeare, from 1500 to 1660. Authors include Sidney, Spenser, Donne, and Milton. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

419. SHAKESPEARE (Author)
3 hours credit

A study of the major comedies and histories with an emphasis on the tragedies. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

420. RESTORATION AND 18TH CENTURY LITERATURE (Period)
3 hours credit

A study of British literature from 1660 through the 18th century. Writers usually studied are Rochester, Dryden, Defoe, Swift, Pope, Johnson, Boswell, and Goldsmith. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

421. ROMANTIC LITERATURE (Period)
3 hours credit

A study of British poetry and aesthetics from the French Revolution through the first third of the 19th century. The primary readings are from Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

425. VICTORIAN LITERATURE (Period)
3 hours credit

A study of major British literature during the

reign of Queen Victoria. Writers studied may include Tennyson, Browning, Arnold, Carlyle, Newman, and Ruskin. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

426. COLONIAL AMERICAN LITERATURE (Period)
3 hours credit

A study of American literature prior to 1820. Writers studied may include Bradford, Bradstreet, Taylor, Edwards, Franklin, Irving, and Cooper. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

427. THE AMERICAN RENAISSANCE (Period)
3 hours credit

A study of the Transcendental Movement and literature between 1830-1870. Emphasis on the works of Emerson, Thoreau, Hawthorne, Melville, Whitman, and Dickinson. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

428. AMERICAN SOUTHERN RENAISSANCE 1930-1970
3 hours credit

A study of fiction produced in the South between 1930 and 1970. Writers may include Glasgow, Faulkner, O'Connor, Welty, Porter, Warren, Percy, Capote, Taylor Grau, Styron, and Young. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

431. A SURVEY OF MODERN GRAMMARS
3 hours credit

An historical approach to the descriptions of language; the traditional, the structural, the transformational, and the tagmemic. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

433. LANGUAGE AND CULTURE
3 hours credit

A linguistic approach to the peculiar relationship between a language and the cultural total of which the language is a part. Educational, political and economic implications. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

435. VARIETIES IN LANGUAGE
3 hours credit

A study of speech variation of people according to geographical area, socio-economic-education level, level for formality, age, sex, and occupation. Emphasis on Eastern Shore patterns of

speech. Field methods are used. Not acceptable for General Education credit. **Prerequisite:** English 110 or consent of instructor. **Three hours per week.**

435. VARIETIES IN LANGUAGE
3 hours credit

A study of speech variation of people according to geographical area, socio-economic-education level, level for formality, age, sex, and occupation. Emphasis on Eastern Shore patterns of speech. Field methods are used. Not acceptable for General Education credit. **Prerequisite:** English 110 or consent of instructor. **Three hours per week.**

437. HISTORY OF THE ENGLISH LANGUAGE
3 hours credit

The development of modern English: the internal changes in pronunciation, structure, vocabulary, and usage with reference to the external history. Not acceptable for General Education credit. **Prerequisite:** English 110 or consent of instructor. **Three hours per week.**

439. SECOND LANGUAGE/DIALECT LEARNING
3 hours credit

Approaches to second language and dialect learning; teaching English to speakers of other languages; the question of standard English as a second dialect. Not acceptable for General Education credit. **Prerequisite:** English 110 or 431, or consent of instructor. **Three hours per week.**

442. PRACTICUM IN ENGLISH
1-3 hours credit

Under close supervision of a master teacher, an advanced student in an English option interns as a teaching assistant in a lower division course in that option. **Prerequisite:** Nine hours of graduate course work and approval of the Director of the English Graduate Program. **Variable hours per week.**

450. PHILOSOPHICAL CONCEPTS IN LITERATURE
3 hours credit

An examination of a philosophical theme, such as existentialism or tragedy, as reflected in literature. General Education literature credit. **Prerequisite:** English 102 and a philosophy course, or consent of instructor. Can be repeated for credit with different themes. **Three hours per week.**

453. MODERN POETRY (Genre)
3 hours credit

A study of British and American poetry from Yeats through World War II. Poets include Hopkins, Yeats, Eliot, Pound, Frost, Williams, Robinson, Crane, Stevens, Auden, and Dylan Thomas. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

457. AMERICAN NOVEL I (Genre)
3 hours credit

A study of major American novels through World War I. Writers studied may include Hawthorne, Crane, Melville, James, and Twain. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

458. AMERICAN NOVEL II (Genre)
3 hours credit

A study of major American novels between World War I and World War II. Writers studied may include Fitzgerald, Hemingway, Steinbeck, Faulkner, and Lewis. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

459. CONTEMPORARY LITERATURE (Period)
3 hours credit

A study of selected literature from 1945 to the present. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

460. BRITISH NOVEL I (Genre)
3 hours credit

A study of the British novel through the 18th Century. Novelists studied include Defoe, Richardson, Fielding, Sterne, Smollet, and Austen. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

462. BRITISH NOVEL II (Genre)
3 hours credit

A study of the British novel of the 19th and early 20th centuries, with works chosen from the writings of Austen, Dickens, Thackeray, Trollope, Hardy, Conrad, D. H. Lawrence, and Virginia Woolf. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

463. LITERARY ANALYSIS
3 hours credit

Analytical approaches to literature designed to teach teachers and prospective teachers, traditional, formal, psychological, mythological and exponential analyses of narrative fiction, drama,

and poetry applied to the various genres. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

465. RESEARCH IN COMPOSITION
3 hours credit

This course, primarily for teachers of composition, is designed to explore the current theoretical literature on the writing process. Topics include: concerns about audience; purpose; heuristics for invention; and questions of arrangement, style, grammar, mechanics, and revision. Not acceptable for General Education credit. Previous title "Writing for Teachers." **Prerequisite:** C or better in English 102. **Three hours per week.**

471. TEACHING CREATIVE WRITING
3 hours credit

Reading and analyses of contemporary poetry and prose, writing of poetry and prose, developing of critical faculties in a workshop format, and developing and discussing of teaching methods. Intended for teachers and education majors. Not acceptable for General Education credit. **Three hours per week.**

490. TOPICS IN ENGLISH
3 hours credit

Intensive study of a literary genre, figure, or period; or intensive study in language, writing or film. May be repeated for credit in different areas of study. Literature courses bear General Education credit. **Prerequisite:** English 102 or consent of instructor.

500. SEMINAR: MAJOR AMERICAN WRITERS OF THE 19TH CENTURY
3 hours credit

A thorough study of the works of two writers from among Emerson, Thoreau, Hawthorne, Melville, Whitman, Twain, James, and Crane. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

501. SEMINAR: MAJOR AMERICAN WRITERS OF THE 20TH CENTURY
3 hours credit

A thorough study of the works of two writers from among Frost, Eliot, Fitzgerald, O'Neill, Faulkner, Hemingway, Steinbeck, Williams. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

502. SEMINAR IN ENGLISH LITERATURE I
3 hours credit

A study of selected topics in English literature from the beginnings to 1660. From time to time the course will concern itself with major authors, genres, and literary themes. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

503. SEMINAR IN ENGLISH LITERATURE II
3 hours credit

A study of selected topics in English literature from the Restoration and Romantic periods. From time to time the course will concern itself with major authors, genres, and literary themes. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

504. SEMINAR IN ENGLISH LITERATURE III
3 hours credit

A study in selected topics in English literature of the Victorian and modern periods. From time to time the course will concern itself with major authors, genres, and literary topics. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

508. CONTEMPORARY LITERATURE
3 hours credit

A study of selected contemporary work exemplary of the character of contemporary writing. Reading is done in the novel, drama, the short story, and poetry. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

509. SEMINAR IN LANGUAGE STUDY
3 hours credit

A study of selected topics in language and linguistics. The course focuses in different semesters on such topics as the new English, descriptive or historical linguistics, morphology-syntax, or phonetics and phonemics, teaching standard English to speakers of other languages or to speakers of other dialects. This course may be repeated under different course subtitles recorded with the registrar. **Prerequisite:** English 110 or 431 or consent of instructor. **Three hours per week.**

530. DIRECTED RESEARCH
3 hours credit

Preparation of optional research project in master's degree program under department supervision.

531. THESIS
3 hours credit

French

401. ADVANCED COMPOSITION AND MORPHOLOGY
3 hours credit

A course designed to bring together on an intense advanced level all the principles of morphology, syntax, sentence development and sentence structure through translation and advanced composition. **Prerequisite:** French 211. **Three hours per week.**

402. ADVANCED CONVERSATION
3 hours credit

A course designed to provide greater flexibility in the spoken language by intense oral practice to correct the defects of pronunciation and diction. **Prerequisite:** French 220 or consent of department chairman. **Three hours per week.**

405. SPECIAL PROBLEMS IN FRENCH

Individual study of special areas in French linguistics or in French literature with the advice and direction from a member of the department. **Three hours per week.**

411. MEDIEVAL AND RENAISSANCE THOUGHT IN FRENCH LITERATURE
3 hours credit

A study of the major phenomena of French literary history from its dawning in 843 to the negative implication in the term "Dark Ages," through to the optimism of the early renaissance in Rabelais to its decline in Montaigne. **Three hours per week.**

412. CLASSICAL PERIOD AND THE "AGE OF REASON"
3 hours credit

A study of the principal classical themes found in the works of Corneille, Racine, Moliere, La Fontaine, LaBruyere, LaRochefoucauld and Montesquieu, Voltaire, Diderot and Rousseau. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

415. ROMANTICISM, REALISM, AND NATURALISM
3 hours credit

A study of the development of romanticism from Chateaubriand to Victor Hugo as well as a detailed study of the terms "romanticism," "realism" and "naturalism" and their effect on the 19th century as seen through representative works

of Stendhal, Flaubert, Balzac and Zola. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

416. CONTEMPORARY FRENCH LITERATURE
3 hours credit

A study of contemporary ideologies and underlying currents of symbolism, surrealism, existentialism and the "nouveau roman" through representative works of Camus, Sartre, Appolinaire and Cocteau (prose and drama) and of Proust, Gide, Butor and Robbe-Grillet. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

Geography and Regional Planning

404. RURAL SETTLEMENT AND LAND USE
3 hours credit

Analysis of the economic, demographic and spatial patterns of the rural United States. Special attention is given to the problems and **potentialities** of nonmetropolitan areas and to land use planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

405. URBAN GEOGRAPHY
3 hours credit

An analysis of the spatial distribution of urban settlements, their internal structure and characteristics. Emphasis is placed on the development of theoretical concepts and general principles. Special attention is given to contemporary urban problems. **Prerequisite:** Geography 203 or consent of instructor. **Three hours per week.**

406. REGIONAL PLANNING
3 hours credit

An analysis of the spatial incidence of economic growth. Emphasis is placed on the spatial dimension as an important consideration in the theory and practice of economic development planning. **Prerequisite:** Geography 203 or consent of instructor. **Three hours per week.**

407. INDUSTRIAL LOCATION
3 hours credit

An analysis of the major factors influencing industrial location decisions and the spatial arrangement of industrial activity. Emphasis is placed on the development of theoretical concepts and general principles. Some attention is given to regional and city industrial development planning. **Prerequisite:** Geography 203 or consent of instructor. **Three hours per week.**

408. URBAN PLANNING**3 hours credit**

An examination of theories and policies related to urban development and land use planning, along with techniques for evaluation. An assessment of the urban planning process with case studies. **Prerequisite:** Geography 203 or consent of instructor. **Three hours per week.**

411. GEOMORPHOLOGY**3 hours credit**

This course deals with landform analysis. Treatment is given to the agents of erosion and deposition—water, wind and ice, and to the internal forces which leave visible evidence on the earth's surface. **Prerequisite:** GEOL 103 or consent of instructor. **Four hours per week and four one-day and one three-day field trips.**

413. APPLIED CLIMATOLOGY**3 hours credit**

An analysis of global energy/water budgets and climatic classifications. Emphasis is placed on the application of energy and water balance principles to problems in agriculture, architecture, industry and commerce, and health. **Prerequisite:** Geography 201 or consent of instructor. **Three hours per week.**

415. SELECTED PROBLEMS**3 hours credit**

Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in Geography. **Prerequisite:** Consent of department review committee.

422. READINGS IN GEOGRAPHY**3 hours credit**

Readings designed to permit in-depth study of a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in Geography. **Prerequisite:** Consent of department review committee.

450. TOPICS IN GEOGRAPHY**3 hours credit**

An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit. **Prerequisite:** Consent of instructor. **Three hours per week.**

475. FIELD PROBLEMS IN GEOGRAPHY**3 - 6 hours credit**

In-field geographic research experience. Emphasis is on actual field experience that involves the development of a research proposal, data collection and analysis, and the integration of such in a formal research paper. **Prerequisite:** Consent of instructor.

500. GEOGRAPHICAL INFLUENCES IN AMERICAN HISTORY**3 hours credit**

A study of the geographical influences affecting the historical growth and development of North America from colonial times to the present. **Prerequisite:** Geography 302 or consent of instructor. **Three hours per week.**

502. SEMINAR: ANGLO-AMERICA**3 hours credit**

An analysis of selected problems concerning the physical and human geography of Anglo-America. Topics selected with the consent of instructor. **Prerequisite:** Geography 302 or consent of instructor. **Three hours per week.**

503. SEMINAR: REGIONAL AND HISTORICAL GEOGRAPHY OF EUROPE**3 hours credit**

An analysis of selected problems concerning the physical, political and historical geography of Europe. Topics selected with consent of instructor. **Prerequisite:** Geography 304 or consent of instructor. **Three hours per week.**

504. SEMINAR: PHYSICAL GEOGRAPHY**3 hours credit**

A seminar dealing with current problems in the areas of meteorology, climatology, soils, geomorphology and vegetation. Topics selected with consent of instructor. **Prerequisite:** Consent of instructor. **Three hours per week.**

530. DIRECTED RESEARCH**3 hours credit**

Preparation of optional research project in master's degree program under departmental direction.

Health**401. COMMUNITY HEALTH****3 hours credit**

A study of the factors involved in improving public health, including a survey of community

health problems and resources, and the role of the teacher in community health. **Three hours per week.**

410. STRESS AND STRESS MANAGEMENT**3 hours credit**

A study of the nature of the stress response and the practical application of stress management techniques. Major topics include: the psychophysiology of stress; the role of stress in disease; cognitive reappraisal; and relaxation training. Useful for personal growth and professional application. **Prerequisites:** Biology 215, 216. **Three hours per week.**

History**400. HISTORY OF MARYLAND****3 hours credit**

A study of Maryland history and government from the colonial period to the present. The course places special stress on the leaders, institutions and contributions made in Maryland and by Maryland to the nation. **Three hours per week.**

401. AMERICAN DIPLOMACY**3 hours credit**

An historical study of the foreign relations of the United States and the resultant diplomatic negotiations from 1776 to the present. **Three hours per week.**

405. THE UNITED STATES IN THE 20TH CENTURY I**3 hours credit**

Populism to 1932. A study of the political, economic, intellectual and social problems attending America's rise to world power later in the 19th century, her involvement in World War I, the changes attending that conflict and the problems of the 1920s. **Three hours per week.**

406. THE UNITED STATES IN THE 20TH CENTURY II**3 hours credit**

F.D. Roosevelt to the present. A study of the efforts of the United States to resolve the complex problems of the 1930s intensified by the Great Depression, its involvement in World War II and struggles to maintain peace in the postwar world. **Three hours per week.**

407. THE WESTWARD MOVEMENT**3 hours credit**

A study of the Westward Movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of

the frontiers in shaping American civilization. **Three hours per week.**

408. HISTORY OF THE SOUTH**3 hours credit**

A history of the South from the colonial period to the present, covering developments in politics, economics, culture and society. **Three hours per week.**

409. RECENT TRENDS AND**DEVELOPMENT IN LATIN AMERICA**
3 hours credit

An examination of the important political, economic and military changes in Latin America, particularly those of the 20th century. **Three hours per week.**

411. PROBLEMS IN LATIN AMERICAN HISTORY**3 hours credit**

Readings, reports and discussion of historical problems of Latin American development. **Three hours per week.**

412. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I (1600-1875)**3 hours credit**

(See course description in History 413.)

413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES II (1876 to present)**3 hours credit**

These courses are a study of American thought as reflected by the people and leaders. The development of American heritage is covered from the Colonial Period to the present, with emphasis upon the intellectual, social, religious and economic movements. The first course covers from the Colonial Period to Reconstruction and the second course from about 1876 to present. **Three hours per week.**

417. HISTORY OF SCIENCE AND TECHNOLOGY**3 hours credit**

A survey of the evolution of scientific achievements and technology in the Western world, with particular emphasis on the cultural, economic and social implication of these developments. **Prerequisites:** History 101, 102. **Three hours per week.**

421. EUROPE IN THE 20TH CENTURY WORLD
3 hours credit

A study of economic, social, intellectual and political development of Europe viewed in the context of world wars, depression and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. **Prerequisites:** History 101, 102. **Three hours per week.**

423. RUSSIA: RISE TO IMPERIAL POWER
3 hours credit

A study of Russia from its Kievan origins, its medieval growth and consolidation, to the empire inherited by Nicholas I; emphasis on the social, economic and political developments. **Prerequisites:** History 101, 102. **Three hours per week.**

424. MODERN RUSSIA
3 hours credit

A survey of the growth of a modern, industrialized, bureaucratic state, from the reign of Nicholas I to the present, with emphasis on the social, economic and political forces which have shaped the Soviet Union of today. **Prerequisites:** History 101, 102. **Three hours per week.**

426. HISTORY OF SOUTHERN ASIA
3 hours credit

A study of the Indian sub-continent and adjacent regions, their social development, the evolution of Hinduism and Buddhism, the Islamic, Mongol, and British conquests, the rise of nationalism and the status of the region today. **Prerequisites:** History 101, 102. **Three hours per week.**

430. READINGS IN HISTORY
3 hours credit

A readings course in History for students who have achieved above average in at least 18 hours of History courses. This course may be taken twice, under different course titles recorded with the registrar. **Three hours per week.**

437. HISTORY OF EUROPEAN IDEAS
3 hours credit

A survey of the Western intellectual tradition, beginning with its heritage from the ancient world, and emphasizing the main currents of European thought from the Middle Ages to the present. Particular emphasis will be placed on the rise of a spirit of free inquiry, the development of a scientific attitude and the growth of a distinct intellectual class. **Prerequisites:** History 101, 102. **Three hours per week.**

440. MINORITY GROUPS IN UNITED STATES HISTORY
3 hours credit

Attention is given to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Three hours per week.**

445. BLACK AMERICAN HISTORY
3 hours credit

A study of the life and role of the Black American from the Colonial period to the present. **Three hours per week.**

450. SELECTED PROBLEMS IN EUROPEAN THOUGHT AND CULTURE, 1700-1840
3 hours credit

Readings and discussion in this course will focus on intellectual currents in England, France and Germany in the 18th and early 19th centuries. Works of contemporary writers will be examined in the context of social and political developments. **Prerequisites:** History 101, 102. **Three hours per week.**

460. HISTORY OF CHINA SINCE 1800
3 hours credit

The revolutionary transformation of China from the 19th century to the present, with emphases on the impact of imperialism, the profound effects of western technology and foreign policy wrought by the history of her relations with the west. **Prerequisite:** History 101, 102. **Three hours per week.**

470. HISTORY OF THE EARLY ROMAN EMPIRE
3 hours credit

An intense study of particular institutions and movements in Roman history. Emphasis on family history and social and religious trends during the early imperial period of Roman history. **Prerequisites:** History 101, 102. **Three hours per week.**

472. STUDIES IN CLASSICAL ARCHAEOLOGY
3 hours credit

Assorted topics and archaeological sites of the ancient Mediterranean world (Crete, Greece and Italy) will be examined. Course may be taken twice under different subtitles. **Prerequisites:** History 101, 102. **Three hours per week.**

474. HISTORY OF ANCIENT EGYPT
3 hours credit

An intensive study of three eras of Egyptian History—the pyramid age, the chaotic middle kingdom and New Kingdom Absolutism. Emphasis on cultural, religious and artistic contributions. **Prerequisite:** History 101. **Three hours per week.**

480. MUSEUM STUDIES
3 hours credit

The course is designed as a work experience which invites students to learn techniques of museology. The student will work in cooperation with various local or regional museums. The learning experience will take place under the supervision and direction of a museum curator. May be repeated once.

490. STUDIES IN HISTORY
3 hours credit

An intensive historical study of particular periods, groups, economics, intellectual, cultural, social movements and/or institutions. This course may be taken twice under different course titles recorded with the registrar.

502. SEMINAR: COLONIAL AND REVOLUTIONARY AMERICA
3 hours credit

A study of colonial institutions and the American Revolutionary movement. Emphasis is placed upon the study of specific topics through individual research projects. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

503. SEMINAR IN 19TH CENTURY AMERICA
3 hours credit

This seminar offers an opportunity to the student to explore in-depth 19th century American society, via themes selected by the instructor. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

504. SEMINAR IN EUROPEAN HISTORY
3 hours credit

A seminar designed to enable the student to explore, through intensive research, basic problems in European history. The period or topics to be studied will be selected by the instructor. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

505. SEMINAR: MARYLAND HISTORY
3 hours credit

A seminar designed to acquaint students, through readings and research, with some of the major problems and developments in the history of Maryland. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

506. SEMINAR IN 20TH CENTURY AMERICA
3 hours credit

A seminar enabling the student to explore intensively specific periods and/or problems in this century through individual research. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

508. SEMINAR IN AMERICAN DIPLOMACY
3 hours credit

A seminar permitting students to investigate, through reading and research, selected problems in the history of American diplomacy. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

510. SEMINAR IN LATIN AMERICAN HISTORY
3 hours credit

An intensive study of major institutions and specific periods in Latin America through reading and research. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

512. READING SEMINAR
3 hours credit

An extensive-intensive directed readings course on a topic selected by the instructor. It is intended to be an in-depth survey of a specific topic as well as preparation for the written and oral examinations for the M.A. degree. **Three hours per week.**

530. DIRECTED RESEARCH
3 hours credit

Preparation of optional research project in master's degree program under direction of departmental supervision. **Three hours per week.**

531. THESIS
3 hours credit

Mathematical Sciences

402. THEORY OF NUMBERS

3 hours credit

Basic concepts: integers, prime numbers, divisibility, congruences and residues. **Prerequisite:** Math 201. **Three hours per week.**

406. GEOMETRIC STRUCTURES

3 hours credit

An axiomatic development of incidence, ordered incidence, affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. **Prerequisite:** Math 201. **Three hours per week.**

413. MATHEMATICAL STATISTICS I

3 hours credit

Axioms and algebra of probability, discrete and continuous random variables and their probability distribution, multivariate distributions and limit theorems. **Prerequisite:** Math 310. **Three hours per week.**

414. MATHEMATICAL STATISTICS II

3 hours credit

Methods of estimating, properties of estimators, hypothesis testing, linear models, least squares, analysis of variance, enumerative data and non-parametric statistics. **Prerequisite:** Math 413. **Three hours per week.**

431. POINT SET TOPOLOGY

3 hours credit

Topological spaces, homeomorphisms, compactness, metric spaces, connectedness and other topics. **Prerequisite:** Math 306 or 310. **Three hours per week.**

441. ABSTRACT ALGEBRA

3 hours credit

An introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. **Prerequisite:** Math 306 or 310. **Three hours per week.**

451. ANALYSIS I

3 hours credit

Modern abstract analysis including such topics as topology of the real number system, sequences, continuity and differentiability. **Prerequisite:** Math 310. **Three hours per week.**

452. ANALYSIS II

3 hours credit

A continuation of Analysis I including such to-

pics as the Riemann-Stieltjes integral, sequences of functions and Lebesgue Theory. **Prerequisite:** Math 451. **Three hours per week.**

461. DIFFERENTIAL EQUATIONS II

3 hours credit

Frobenius series solutions, regular and singular points, existence and uniqueness theorems for the initial-value problem; systems of equations; the boundary-value problem; and other topics. **Prerequisite:** Math 311. **Three hours per week.**

465. MATHEMATICAL MODELS AND APPLICATIONS

3 hours credit

Mathematical basis for model building; examples of simple models for uncomplicated systems in biology, psychology, business and other fields, finite markov processes; models for growth processes. **Prerequisites:** Math 306. **Three hours per week.**

471. NUMERICAL ANALYSIS

3 hours credit

Such topics as interpolation, functional approximation, numerical differentiation and integration, non-linear equations, systems of linear equations and analysis of error. **Prerequisites:** Math 311 and programming experience. **Three hours credit.**

480. HISTORY OF MATHEMATICS

3 hours credit

A study of the chronological development of mathematics with emphasis on both the mathematical concepts and the principal contributors to the development of those concepts. **Prerequisite:** Math 402, or 406, or 441. **Three hours per week.**

490. SPECIAL TOPICS

3 hours credit

For the student who wishes to study in certain specialized areas such as functional analysis, multivariate statistics or artificial intelligence. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisites:** (For most topics) Math 306 and 310. **Three hours per week.**

500. FOUNDATIONS OF NUMBER THEORY

3 hours credit

Designed for teachers of arithmetic with emphasis on the development of real number system in Elementary Number Theory. **Prerequisite:** One course in college Mathematics or consent of instructor. **Three hours per week.**

502. APPLIED STATISTICS

3 hours credit

The use of linear models in the analysis of data, starting with simple models and going to more complex models. Special attention will be given to the use and abuse of these models by researchers. **Prerequisite:** A course in statistics (Math 113 or 114). **Three hours per week.**

506. SELECTED TOPICS

3 hours credit

Designed for students with a major in Mathematics to develop topics in Mathematics not included in the undergraduate program or to extend areas previously studied. **Prerequisite:** Approval of the department.

507. SEMINAR: ALGEBRA

3 hours credit

A seminar dealing with selected topics from linear and abstract algebra. A seminar paper is required. **Prerequisite:** Approval of the department.

508. TRANSFORMATION GEOMETRY

3 hours credit

A study of the group-theoretic structure of geometry. Application of isometries, similarities and affine transformation to Euclidean geometry. **Prerequisite:** Math 406 or equivalent.

530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in Master of Education degree program under departmental supervision.

590. SPECIAL PROBLEMS IN MATHEMATICS

3 hours credit

Individually designed programs including summer workshops and special seminars. Specific topic will be indicated on transcript. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

Music

400. RENAISSANCE AND BAROQUE MUSICAL STYLES

3 hours credit

Philosophy, musical forms and styles of the period 1500-1750, study of representative vocal and instrumental music by outstanding composers

of the period. **Prerequisite:** Music 104 or approval of department chairman. **Three hours per week.**

401. MUSICAL STYLES OF THE 18TH AND 19TH CENTURIES

3 hours credit

Philosophy, musical forms and styles of the period 1750-1900, study of representative vocal and instrumental music by outstanding composers of the period. **Prerequisite:** Music 104 or approval of department chairman. **Three hours per week.**

403. PIANO HISTORY AND LITERATURE

3 hours credit

A comprehensive study of the piano and its predecessors, the course traces the history of keyboard instruments, emphasizing the ways in which the development of the instruments affected keyboard literature and performance practices. The course includes familiarization with the principal keyboard composers, performers and instrument makers from earliest times to the present. **Prerequisite:** Music 200 or 110 or 104 or approval of instructor.

406. INTRODUCTION TO ELECTRONIC MUSIC

3 hours credit

Music synthesis is approached through reading, listening, analysis and studio experience. **Prerequisite:** Music 112 or permission of instructor. **Three hours per week.**

408. MODERN MUSIC

3 hours credit

Emergence of new developments from late romantic music through serial and electronic music, including influences of jazz and considering the effects of social forces and current world events. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

409. INTRODUCTION TO ETHNOMUSICOLOGY

3 hours credit

The study of music of world cultures not associated with the traditional study of Western art music with emphasis on the musics of Eastern Europe, the Near, Middle and Far East, Africa, the Pacific Islands and native America. **Prerequisites:** Music 104 or 110 and 200 or approval of instructor. **Three hours per week.**

410. CHURCH MUSIC

3 hours credit

Designed for the practicing or potential church musician. A practical course dealing with all aspects of the church music program. **Prerequisite:**

Approval of the instructor. **Three hours per week.**

411, 412. APPLIED MUSIC I AND II
3 hours credit

An advanced course in performance technique using a wide variety of literature. A solo recital (alone, or sharing a program with other students) encompassing music of many styles and periods is a required culmination. Students will elect one performing medium (piano or voice or organ or other instrument) and must have completed the fourth course in the sequence for that instrument as a prerequisite. Each course may be repeated for credit once. **Three hours per week and a minimum of 12 individual practice hours per week.**

416. AMERICAN MUSIC
3 hours credit

Analysis of musical forces and styles as they reflect the nation's development and America's unique contributions to the growth of music as an art form. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

426. ARRANGING FOR VOICES AND INSTRUMENTS
3 hours credit

Fundamental techniques of scoring for various acappella and accompanied voice combinations, scoring for orchestra, band and various instrumental combinations, special characteristics of each choir of instruments, range of voices, selection of suitable literature for treatment in different ensembles, with consideration of style. **Prerequisites:** Theory IV (or concurrent registration with Theory IV). **Three hours per week.**

429. MUSIC CONCEPTS FOR EARLY CHILDHOOD
3 hours credit

Melodic and rhythmic elements within the cognitive, physical and aural capabilities of young children (nursery school through primary grades), use of simple creative application to reinforce music concepts. **Prerequisite:** Music 200 or approval of instructor. **Three hours per week.**

430. MUSIC CONCEPTS FOR ELEMENTARY SCHOOL
3 hours credit

Development of musical skills, with emphasis on part-singing, piano accompaniments, combined rhythms, conducting skills and creative application of these skills appropriate for the elementary school. **Prerequisite:** Music 200 or consent of the instructor. **Three hours per week.**

431. MUSIC CONCEPTS IN SECONDARY SCHOOL GENERAL MUSIC
3 hours credit

Selection and application of appropriate materials and techniques to develop musical concepts, skills, knowledge, judgment and discrimination in adolescents. **Prerequisite:** Music 200 or consent of instructor. **Three hours per week.**

435. CHORAL LITERATURE
3 hours credit

Class investigation and evaluation of choral music for all voice combinations appropriate for elementary through senior high school and adult ensembles. **Three hours per week.**

440. MODERN MARCHING BAND: TECHNIQUES AND MATERIALS
3 hours credit

A detailed work survey of traditional marching band styles and their adaptation to current trends. **Prerequisite:** Approval of the instructor. **Three hours per week.**

441. INSTRUMENTAL LITERATURE
3 hours credit

Class investigation and evaluation of new methods and materials for bands, orchestras and instrumental ensembles. **Prerequisite:** Approval of the instructor. **Three hours per week.**

450. STUDIES IN MUSIC
3 hours credit

Study of a single composer of musical form or performance medium or technique or topic in Music Education. The topic will differ from semester to semester. This course may be taken twice, under different course subtitles recorded with the registrar. Possible prerequisite(s) listed according to topic by semester. **Three hours per week.**

490. DIRECTED INDEPENDENT STUDY
Variable 1-3 hours credit

A tutorial course in any area of Music open to senior and graduate students. May include continuation of a skills development program begun in the lower level independent study course, or any type of individual research in Music not normally included in courses offered by the department, or individual study of an area needed for teacher certification but not offered by the department in the current semester. Approval in writing of department chairman and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of six credits, under different course subtitles recorded with the registrar.

500. 20th CENTURY MUSIC
3 hours credit

Analysis of the manner in which melody, rhythm, harmony, form and orchestral instruments are used by major modern composers. Political, economic and social forces and current world events are considered for their effects on music of our time. **Three hours per week.**

505. MUSIC HISTORY AND MUSICAL STYLE
3 hours credit

The development of Western musical style is traced from early written records to the present, stressing the continuity of basic musical principles. **Prerequisite:** One course in music history or a stylistic period. **Three hours per week.**

510. RECENT ISSUES AND TRENDS IN MUSIC EDUCATION
3 hours credit

Student researched seminar presentations on pertinent current issues in general, vocal and instrumental Music Education. The seminar presentations will, through researching current trends, arrive at conclusions compatible with current practices in Music Education. **Prerequisites:** Education 419 and 429 or equivalent. **Three hours per week.**

511. ADVANCED APPLIED MUSIC
3 hours credit

Individual studio instruction to provide a graduate extension to an undergraduate major performing area. May be repeated for credit, one time only.

512. ADMINISTRATION AND SUPERVISION IN SCHOOL MUSIC
3 hours credit

A course dealing with the need and purpose of supervision in Music. Areas of concentration include factors affecting the learning process, curriculum building, fiscal management, evaluation and staff-community relations. **Three hours per week.**

515. ADVANCED CHORAL CONDUCTING
3 hours credit

A course designed for the practicing choral conductor. Includes techniques, stylistic interpretation, repertoire and organizational problem analysis. **Prerequisite:** Music 310 or equivalent. **Five hours per week (three hours lecture and 2 hours laboratory).**

520. PHILOSOPHICAL AND PSYCHOLOGICAL PERSPECTIVES IN MUSIC EDUCATION
3 hours credit

A review of philosophical tenets and psychological principles as applied to contemporary Music Education practices, including the standard and recently developed musical aptitude and achievement tests. **Prerequisite:** Graduate status. **Three hours per week.**

530. DIRECTED RESEARCH IN MUSIC/ MUSIC EDUCATION
3 hours credit

Preparation of optional research project in the M.Ed. program under the direction of departmental faculty. **Weekly conference with faculty sponsor.**

590. DIRECTED INDEPENDENT STUDY
Variable 1-3 hours credit

An individual, graduate tutorial course including research topics not covered in available courses. The written specified area of study must have written approval of the department chairman and supervising faculty member prior to registration. May be repeated for a maximum of three hours credit, under different course subtitles recorded with the registrar.

Nursing

515. EPIDEMIOLOGY
3 hours credit

Focuses on epidemiologic concepts and the incorporation of empirical epidemiologic data into the advanced application of the nursing process. Emphasis is placed on the study of health problems affecting families in rural settings. **Three hours lecture per week.** May not be taken by students who have taken Nursing 553.

516. FAMILY NURSING I
5 hours credit

Explores advanced theoretical and empirical knowledge related to families, with special attention to families in rural settings. Emphasis is placed on incorporation of this knowledge into the advanced application of the nursing process with the rural family as a client to improve family health. **Three hours lecture, six hours clinical practice per week.** May not be taken by students who have taken Nursing 518.

517. FAMILY NURSING II
5 hours credit

Continues the exploration of advanced theoret-

ical and empirical knowledge related to families in rural settings with emphasis on the application of research findings. The expanded application of the nursing process focuses on the culture and characteristics of the rural communities in which families live and their influences on health and adaptation. **Prerequisites:** Nursing 515 and 516. **Two hours lecture, nine hours clinical practice per week.** May not be taken by students who have taken Nursing 530.

525. HEALTH CARE SYSTEMS 3 hours credit

Explores the structure and functions of the health care system and the legal, ethical and economic forces that impact on it. Emphasis is placed on rural health issues and on the role of the advanced nurse practitioner in analyzing these issues and serving as an advocate for policies which will positively affect the health of rural families. **Three hours lecture per week.** May not be taken by students who have taken Nursing 535.

538. NURSING THEORIES 3 hours credit

Examines the nature of concepts, models and theories in the context of scientific development and the historical development of nursing knowledge. A comparative analysis of evolving nursing theories will be made in regard to: meeting criteria for theory building, major concepts used, theoretical perspectives used, testability and practicality for application with the nursing process in clinical practice, teaching and research. **Three hours lecture per week.** May not be taken by students who have taken Nursing 510.

544. NURSING RESEARCH DESIGNS 3 hours credit

Builds upon knowledge of the research process learned at the baccalaureate level. Focuses on the importance of the research process in the development and testing of nursing theory. Emphasis is placed on the role of the advanced nurse practitioner as a consumer and practitioner of nursing research. **Prerequisite:** Math 502. **Three hours lecture per week.** May not be taken by students who have taken Nursing 520.

545. RESEARCH DEVELOPMENT 1 hour credit

Provides peer and faculty support for the development of thesis research. **Prerequisites:** Math 502, Nursing 544. **One hour seminar per week.** Must take for three semesters for 1 credit each semester.

552. SPECIALIZED ROLES IN NURSING 2 hours credit

Provides a theoretical base for understanding the structure, functions, and processes of organizations. Emphasis is placed on the commonalities between nursing service administration roles and clinical specialist roles in improving organizational effectiveness and efficiency for the deliver of health care to rural families. **Prerequisite or corequisite:** Nursing 525. **Two hours seminar per week.** May not be taken by students who have taken Nursing 546.

554. ADMINISTRATION IN NURSING SERVICE 6 hours credit

Focuses on the independent and interdependent functions of the nursing service administrator at various levels of decision making in an organization. Affords the opportunity to implement leadership strategies in selected clinical settings with a nursing service administrator as mentor. Emphasizes the role of the advanced nurse practitioner as a change agent in planning, implementing and evaluating health care for rural families. **Prerequisites:** Nursing 525, 552; BUAD 535 must be prerequisite or corequisite. **Two hours seminar, twelve hours clinical practicum per week.** May not be taken by students who have taken Nursing 555.

556. CLINICAL NURSE SPECIALIZATION 6 hours credit

Focuses on the diverse clinical and organization skills necessary for functioning effectively as a clinical nurse specialist in family nursing in varied clinical settings of a rural area. Affords the opportunity to gain expertise in conjunction with a qualified advanced nurse clinician role model and to develop in the leadership role as a family advocate and change agent. **Prerequisites:** Nursing 525, 552. **Prerequisite or Corequisite:** Education 509 or Biology 550. **Two hours seminar, twelve hours clinical practicum per week.** May not be taken by students who have taken Nursing 550.

580. SPECIAL TOPICS IN NURSING 1-3 hours credit

Intensive study of a selected topic relevant to Nursing in Rural Areas. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of a graduate Nursing program faculty. **One to three hours lecture per week; 0-2 hours lab per week.**

590. THESIS 1 hour credit

Provides faculty support for completion of the thesis. **Prerequisite:** Completion of all course

work. Must register for one credit for each semester working on thesis.

Philosophy

402. THE PROBLEM OF GOD 3 hours credit

This course involves an effort to think through the ultimate questions Philosophy asks about God's nature and existence. Attention will be given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism and the meaningfulness of human speech about God. **Prerequisite:** One Philosophy course, or consent of instructor. **Three hours per week.**

403. EXISTENTIALISM 3 hours credit

A close look at the basic human problems of self, God and others as seen from the existentialist perspective. Major themes of alienation, authenticity, freedom, commitment and dread are traced from their roots in the 19th century philosophies of Kierkegaard and Nietzsche to contemporary expressions by Sartre, Camus, Heidegger and Buber, et al. **Prerequisite:** One Philosophy course, or consent of instructor. **Three hours per week.**

406. PHILOSOPHY OF SCIENCE 3 hours credit

A critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. **Prerequisite:** One Philosophy course or consent of instructor. **Three hours per week.**

450. PHILOSOPHICAL CONCEPTS IN LITERATURE 3 hours credit

This course involves an examination of a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. The theme to be treated will vary from offering to offering. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** English 101, 102 and one Philosophy course, or consent of instructor. **Three hours per week.**

475. SEMINAR IN PHILOSOPHY 3 hours credit

The content of this course varies from semester to semester. It seeks to offer to advanced students in Philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. May be repeated for credit with faculty approval.

Prerequisite: Consent of instructor. **Three hours per week.**

490. INDEPENDENT STUDY Variable 1-3 hours credit

A tutorial course in a specific problem in Philosophy, a particular philosopher, or a particular period of Philosophy. Open to junior, senior and graduate students, conditional on faculty member's consent. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

Physical Education

406. ADMINISTRATION AND ORGANIZATION 3 hours credit

Problems of administrative structure and procedure, program planning, organization of Physical Education classes and departments, and organization of athletic programs. **Prerequisite:** Admission to Professional Education Program or equivalent. **Three hours per week.**

408. MOVEMENT EDUCATION 3 hours credit

Analysis of the elements of human movement, with practical applications to the teaching of Physical Education in grades K through 12. Methods, materials, historical development, readings and practice. **Prerequisite:** Admission to Professional Education Program or equivalent. **Three hours per week.**

413. ADVANCED ATHLETIC TRAINING 3 hours credit

Designed as preparation for advanced knowledge of athletic injuries and prevention, evaluation, treatment and rehabilitation. Twenty-five hours of practical experience. **Prerequisite:** PE 313 or consent of instructor. **Three hours per week.**

415. CLINICAL ROTATION IN ATHLETIC TRAINING 3 hours credit

A course designed to expose students to clinical situations which enhance their understanding of the etiologies pertaining to injuries, both athletic and non-athletic. Topics include recognition, treatment, care, and rehabilitation of injuries. **Prerequisites:** P.E. 313, P.E. 413, First Aid & Safety Course. **Two hours lecture and seven hours per week.**

451. PSYCHO-SOCIAL ASPECTS OF SPORT

3 hours credit

The interaction of Physical Education (sports) with the psychological and sociological development of the individual. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

460. DANCE WORKSHOP

3 hours credit

Considers practical and technical aspects of all types of dance. Designed for instructors or performers who want to enhance their current capabilities and knowledge. **Prerequisite:** Teaching experience or consent of instructor. **Three hours per week.**

490. SELECTED TOPICS IN PHYSICAL EDUCATION

Variable 1-3 credit hours

Provides opportunities for short-term needs and interests of students and/or faculty. Affords avenue for curriculum experimentation and innovation at an advanced level. May be taken for a maximum of six credits, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

Physical Sciences

421, 422. PHYSICAL CHEMISTRY I,II

3 hours credit each

A comprehensive study of the fundamental concepts of physical chemistry. **Prerequisite:** Mathematics 201, 202, Physics 223, and Chemistry 122 or consent of the instructor. Chemistry 421 taught only in fall of odd years. Chemistry 422 taught only in spring of even years. **Three hours lecture per week.**

423. EXPERIMENTAL PHYSICAL CHEMISTRY I

2 hours credit

A laboratory and report writing course emphasizing classical experiments in physical chemistry. Taught only in fall of odd years. **Pre- or corequisite:** Chemistry 421. **Two hours lecture and two hours laboratory per week.**

424. EXPERIMENTAL PHYSICAL CHEMISTRY II

2 hours credit

A laboratory-based course emphasizing the theory and applications of modern instrumental methods. Taught only in spring of even years. **Pre- or corequisite:** Chemistry 422. **Two hours lecture and two hours laboratory per week.**

499. SPECIAL TOPICS IN CHEMISTRY, PHYSICS OR GEOLOGY

3 hours credit

A study of a specific area of Physical Science. The topic will vary from semester to semester. The course may be taken twice for credit, under different course subtitles recorded with the registrar. **Three hours per week.**

599. SPECIAL TOPICS IN CHEMISTRY

Variable 1-4 hours credit

A study of specific area of Chemistry. The topic will vary from semester to semester. The course may be taken twice for credit. **Lab-Lecture Equivalence.**

Political Science

401. POLITICAL THEORY

3 hours credit

A survey of political thought based on the analysis of ideas of leading ancient, medieval and modern theorists including the historical setting of major theories, their impact on political institutions and social changes, and their contemporary significance. **Prerequisite:** Political Science 101 and 110. **Three hours per week.**

409. THEORY OF INTERNATIONAL RELATIONS: CONFLICT AND WAR

3 hours credit

This course is designed to acquaint students with the major theories of international relations, especially those concerned with explaining international conflict. The major questions to be studied are: Why do nations go to war? How can war be prevented? Once war is begun, how can it be limited and terminated? **Prerequisite:** Nine hours of Social Sciences. **Three hours per week.**

411. INTERNATIONAL LAW

3 hours credit

A survey of the general principles and special rules of international law as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** Political Science 101 and 110. **Three hours per week.**

412. GOVERNMENT AND POLITICS OF LATIN AMERICA

3 hours credit

A comparative study of politics and governments in selected countries in Latin America. **Three hours per week.**

415. SOVIET FOREIGN POLICY

3 hours credit

A study of the trends, developments and major

issues in Soviet foreign policy. An attempt will be made to address the historical background and the ideological foundations of Soviet foreign policy as well as the domestic political factors which have shaped Soviet foreign relations. **Prerequisites:** POSC 310 or HIST 424 or permission of the instructor. **Three hours per week.**

430. THE CONGRESS IN AMERICAN POLITICS

3 hours credit

Analysis of the structural characteristics and functions of the United States Congress. Factors influencing congressional decision making and the importance of Congress in the American political process will be discussed. **Prerequisite:** Political Science 101 and 110. **Three hours per week.**

431. LOCAL GOVERNMENT IN THE UNITED STATES

3 hours credit

An examination of county, metropolitan and municipal governments with emphasis on a description of these political subsystems, their place in the federal system and the relationship between the socio-economic environment, governmental structure and public policy. **Prerequisite:** Political Science 101 and 110. **Three hours per week.**

440. PUBLIC ADMINISTRATION

3 hours credit

A study of the basic characteristics of modern American governmental bureaucracies, as well as an analysis of some of the important issues which public administrators face. Exploration of administrative and organizational theories. Credit will not be granted if the student has taken POSC 220. **Prerequisites:** Political Science 101 or 110. **Three hours per week.**

480. STUDIES IN POLITICAL SCIENCE

3 hours credit

An intensive study of a specialized area of inquiry within the major subfields of political science: comparative government, political theory and public policy. This course may be taken twice under different titles recorded with the registrar. **Prerequisites:** Political Science 101 or 110 or nine hours of upper level Political Science. **Three hours per week.**

500. PROBLEMS OF WORLD POLITICS

3 hours credit

A study of the political problems and issues among the nations, such as propaganda, causes of war, armaments control and neutrality, which affect the peace and security of the United States and other nations. **Three hours per week.**

510. SEMINAR IN AMERICAN GOVERNMENT

3 hours credit

A seminar designed to examine contemporary problems in governing the American nation. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

Psychology

403. MEASUREMENT AND EVALUATION IN PSYCHOLOGY

3 hours credit

A coverage of correlational techniques, reliability and validity. Psychological tests and questionnaires are considered in terms of their measurement assumptions and utility. **Prerequisite:** Psychology 220 or consent of instructor. **Three hours per week.**

405. ABNORMAL PSYCHOLOGY

3 hours credit

A survey of the etiology, diagnosis and prognosis of neurosis, psychosis, psychosomatic disorders, transient situational maladjustments and personality disorders. Included will be a discussion of various treatment approaches. **Prerequisite:** Psychology 210. **Three hours per week.**

406. PSYCHOLOGY OF ATTITUDES AND ATTITUDE CHANGE

3 hours credit

This course is concerned with how attitudes are formed, measured and changed. Emphasis will be placed on the classical theories and on new approaches to attitude formulation and change. **Prerequisite:** Psychology 306 or consent of the instructor. **Three hours per week.**

407. PSYCHOLOGY OF PERSONALITY

3 hours credit

A survey of major theoretical approaches to the origin and development of human personality. **Prerequisite:** Psychology 210. **Three hours per week.**

408. HISTORY AND SYSTEMS IN PSYCHOLOGY

3 hours credit

Study of basic integrating theories of Psychology. **Prerequisite:** Psychology 211 or consent of the instructor. **Three hours per week.**

409. ENVIRONMENTAL PSYCHOLOGY

3 hours credit

A study of the effects of the environment on

human behavior. Consideration will be given to such topics as organizational structure and climate, architecture, population density and urban stress. **Prerequisite:** Psychology 210. **Three hours per week.**

412. PHYSIOLOGICAL PSYCHOLOGY
3 hours credit

The investigation of morphological, neurochemical and physiological bases of behavior. **Prerequisite:** Psychology 211. **Three hours per week.**

415. MOTIVATION AND EMOTION
3 hours credit

A survey of experimental findings and theory of processes that energize and direct behavior. **Prerequisite:** Psychology 211. **Three hours per week.**

422. PSYCHOLOGY OF AGING
3 hours credit

A study of selected topics in human development from early adulthood to senescence. **Prerequisite:** Psychology 210. **Three hours per week.**

423. PSYCHOLOGY OF THE EXCEPTIONAL CHILD
3 hours credit

A study of children who vary from the norm including the gifted, physically handicapped mentally handicapped, socially handicapped and emotionally disturbed. **Prerequisite:** Psychology 300 or Psychology 320, or Education 300, or consent of the instructor. **Three hours per week.**

425. PSYCHOLOGY PRACTICUM
3 hours credit

A course designed to provide the Psychology major with actual training experience in a variety of clinical settings. May be taken twice. **Prerequisite:** 15 hours in Psychology and consent of instructor. **Three hours per week.**

430. LEARNING THEORY AND ITS APPLICATION
3 hours credit

A course designed to acquaint students with the theoretical base and experimental data to support a unified approach to human learning. This course will also provide the student with the direct applicability of learning theory to the education of the individual. **Prerequisite:** Education 300, Psychology 211 (or equivalent) or consent of the instructor. **Three hours per week.**

444. BASIC HELPING RELATIONSHIPS
3 hours credit

Designed to provide students with both background and skills in the use of dyadic relationship for promoting the personal growth and development of clients they will see in their future work. The course will emphasize three basic components involved in being a helper: (1) an understanding of yourself; (2) some knowledge of helping skills; and (3) experience in applying these skills. **Prerequisite:** Psychology 211. **Two hours lecture and three hours laboratory per week.**

460. INTRODUCTION TO CLINICAL PSYCHOLOGY
3 hours credit

A comparative study of the theories and practices in the treatment of mental and emotional disorders. Included are the most commonly employed analytical, neo-analytical and behavioral systems of clinical psychology as well as a survey of psychodiagnostic materials. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

462. BEHAVIOR MODIFICATION IN BUSINESS AND INDUSTRY
3 hours credit

A behavioral analysis of problems and topics taken from current business and industry journals. Additional emphasis on procedures used in leadership effectiveness programs. **Prerequisite:** Psychology 210. **Three hours per week.**

465. PRINCIPLES AND TECHNIQUES OF GROUP THEORY
3 hours credit

A study of the principles and techniques of group counseling/psychotherapy and their application. Includes a review of the psychological and historical development of group theory and a study of the pertinent research. Discussion and role-playing are important elements of this course. **Prerequisite:** Advanced standing. **Three hours per week.**

490. INDIVIDUAL DIRECTED STUDY
Variable 1-3 hours

A course designed to enable advanced students to pursue through observation, experimentation or library research a topic of their choosing. May be taken more than once for a maximum of six credits. **Prerequisite:** Consent of department chairman.

495. SELECTED TOPICS IN PSYCHOLOGY
Variable 1-3 hours credit

Intensive study in a psychological therapeutic technique, person, developmental period or theory. May be repeated for credit in different

areas of study to a maximum of six credit hours. **Prerequisite:** Consent of instructor.

501. A SEMINAR IN THE PSYCHOLOGY OF THE MENTALLY RETARDED
3 hours credit

A seminar enabling the students to intensively investigate specific problems in the etiology, diagnosis, assessment and treatment of the mentally retarded. **Prerequisites:** Psychology 468 and consent of instructor. **Three hours per week.**

502. PSYCHOLOGY OF LEARNING DISABILITIES
3 hours credit

A thorough overview of learning dysfunctions from the points of view of medicine, psychology and education. Emphasis placed on deviant learning problems, causes of learning disabilities, identification and treatments. **Prerequisite:** Psychology 423 or equivalent. **Three hours per week.**

503. BEHAVIORAL PROBLEMS IN CHILDREN AND YOUTH
3 hours credit

A study of behavior problems in children and young people ranging from mild personality disorders to psychoses. Special consideration is given to symptoms, etiology and treatment. **Prerequisites:** Master's degree student and consent of instructor. **Three hours per week.**

504. MENTAL HYGIENE
3 hours credit

A study of the forces influencing the development of the stable and the deviate personality and how most effectively to deal with these factors. **Prerequisite:** Psychology 210 or consent of the instructor. **Three hours per week.**

505. PERSONALITY ASSESSMENT
3 hours credit

A survey of the techniques of personality evaluation including questionnaires, situational tests, attitude scales and interviewing procedures. **Prerequisite:** Psychology 520 and consent of instructor. **Three hours per week.**

507. PSYCHOTHERAPY AND COUNSELING
3 hours credit

A study of the philosophical and psychological assumptions and fundamental practices of the major approaches to psychotherapy and counseling in modification of human behavior. **Prerequisite:** Consent of instructor. **Three hours per week.**

511. DIAGNOSTIC TESTS IN COUNSELING
3 hours credit

A study of diagnostic tests in counseling and their relationship to therapeutic procedures in order to better understand clients and to improve effectiveness. **Prerequisite:** Master's degree student. **Three hours per week.**

515. SEMINAR IN ADOLESCENT BEHAVIOR
3 hours credit

This course will cover current issues in adolescent behavior such as drug use, parental relationships, peer interactions and other related topics. This course will require a paper, an adolescent study and group work in developing research tools. **Three hours per week.**

520. CLINICAL ASSESSMENT I
3 hours credit

A course dealing with three focal areas: (1) theories of intelligence; (2) administration of individual and group intelligence tests; (3) reporting of intelligence test results. **Prerequisite:** Master's degree student. **Three hours per week.**

521. CLINICAL ASSESSMENT II AND PROJECTIVE TECHNIQUES
3 hours credit

Theory, research findings and clinical applications of major testing instruments relative to the emotionally disturbed, mentally retarded, physically handicapped and brain lesioned. Projective techniques included. **Prerequisite:** Psychology 520. **Three hours per week.**

525. ADVANCED CLINICAL PRACTICUM
3 hours credit

This course is an experimental activity available to master's degree students who are interested in developing their skills in the practice of counseling and clinical activities. Students, in consultation with their advisors, will select appropriate practicum placements in relevant agency or school settings. Supervision of practicum will be provided by both the agency and the department. May be taken twice, under different course subtitles recorded with the registrar. **One hour of lecture and five hours of laboratory per week.**

530. DIRECTED RESEARCH
3 hours credit

Preparation of optional research project for students in Master of Education degree program concentrating in Psychology. **Prerequisite:** Consent of department chairman.

531. THESIS**3 hours credit****555. ADVANCED EXPERIMENTAL PSYCHOLOGY****3 hours credit**

The assessment of designs for research questions in order to provide student with the necessary research tools to adequately determine the effectiveness of various treatment approaches. **Prerequisite:** Master's degree student. **Two hours lecture and two hours of laboratory per week.**

560. STATISTICAL ANALYSIS OF EXPERIMENTS**3 hours credit**

A coverage of the statistical procedures necessary to test hypotheses. Topics to be covered will include test of a single parameter and the differences between two or more parameters. Correlation will be considered also. **Prerequisite:** Master's degree student. **Three hours per week.**

562. HUMAN DEVELOPMENT**3 hours credit**

In-depth study of human growth and development. The course is geared to the graduate student who has not had developmental psychology or the psychology of infancy and childhood. Topics to be covered include biological bases of development, learning, intellectual and moral development, language, motivation and emotion and the socialization influence of family, peers and schools. **Prerequisite:** Psychology 210. **Three hours per week.**

566. ADVANCED GROUP THEORY AND PRACTICE**3 hours credit**

In this course students will receive training and knowledge in the following areas: theoretical models for groups; techniques and exercises in facilitating the group process; practice in groups and self-analysis experiences. **Prerequisite:** Psychology 465. **Three hours per week.**

571. BEHAVIOR MODIFICATION AND THERAPY**3 hours credit**

This course is designed to (1) provide a theoretical foundation for the applied analysis of behavior including both operant and classical conditioning procedures and (2) to provide students with the applied cases in which both operant and classical conditioning procedures have been used. **Three hours per week.**

575. GRADUATE SEMINAR ON AGING**3 hours credit**

An intensive survey of some aspects of human aging. It covers theories, retirement, middle age problems, work, leisure, physical aspects of aging, education and opportunities for the aged. It is designed to make student sensitive to the needs of the aged, as well as to provide them with basic data. **Three hours per week.**

580. PHYSIOLOGICAL ASPECTS OF ABNORMAL BEHAVIOR**3 hours credit**

This course is designed to familiarize the student with brain and nervous system actions, demonstrating how malfunctions in physiological systems correlate with behavioral abnormalities. **Three hours per week.**

Social Science**400. CURRENT PROBLEMS****3 hours credit**

A study is made of either general or special topics of our times. The topics are considered from historic aspect and the present social and cultural setting in which they occur. **Three hours per week.**

Social Work**410. ALCOHOL AND DRUGS: IMPLICATIONS FOR HUMAN SERVICES****3 hours credit**

A course focusing on the various forms of alcohol and drug use with an emphasis on the stages of harmful dependence and addiction. There will be an examination of our social and legal responses to these drugs and their uses, as well as approach to treatment, rehabilitation and prevention. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

420. COMMUNITY ORGANIZATION: STRATEGIES FOR CHANGE**3 hours credit**

A study of various methods of social intervention utilized in promoting the development of community action in dealing with social problems. Focus will be on the role of the social worker, the interactional processes and the impact on social institutions. **Prerequisites:** Social Work 375 and 371 or consent of instructor. **Three hours per week.**

430. BLACK COMMUNITY**3 hours credit**

A study in the structure and functioning of the Black Community—its cultural base, and adaptation in contemporary America. Focus is placed on community institutions, formation of identity, self-image within the community, the communities' relationship to the wider society and implications for intervention by helping professions. Not open to students who have taken this course title under Social Work 482. **Prerequisite:** Social Work 375, equivalent or consent of instructor. **Three hours per week.**

471. SOCIAL WORK METHODS I**3 hours credit**

Formulation of a common base for Social Work practice, utilization of interviewing and communication to develop helping relationships, identifying social worker roles and modes of intervention based upon application of Social Work and Social Science knowledge. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

472. SOCIAL WORK METHODS II**3 hours credit**

Development of modes on intervention with individual, family, group and community selection; and implementation and evaluation of modes of intervention to stabilize, develop and enhance social functioning of individual and family and groups. To be taken concurrently with Social Work 473. **Prerequisite:** Social Work 471 or consent of instructor. **Three hours per week.**

473. FIELD INSTRUCTION IN SOCIAL WORK I**6 hours credit**

Social Work practice experience achieved through placement and participation in a community service or program; available only to students approved for social intervention. Emphasis will be placed upon use of observation, communication, interviewing and utilization of community resources so that these skills and concepts may become significant for the student as a practitioner. Taken concurrently with Social Work 472. **Prerequisite:** Social Work 471 and approval by the department. The department reserves the right to limit registration. The field experience may be terminated any time the student is not performing satisfactorily. **Fifteen hours of field experience per week plus weekly conferences with faculty advisor.**

475. FIELD INSTRUCTION IN SOCIAL WORK II**6 hours credit**

Continuation of direct experience in the delivery of social services with assigned agency and increased emphasis on relationship and interaction, data collection and assessment, treatment, termination and evaluation. To be taken concurrently with Social Work 477. **Prerequisite:** Social Work 473 and approval by the department. The department reserves the right to limit registration. The field experience may be terminated any time the student is not performing satisfactorily. **Fifteen hours of field experience per week plus weekly conferences with faculty advisor.**

477. SOCIAL WELFARE-SOCIAL WORK SEMINAR**3 hours credit**

Integration of human needs, ethical issues of intervention, values and necessity for practical solutions to social problems discovered in the field experience; exploration of current concerns within the Social Work profession and in selected practice across disciplines and dilemmas and problems in social welfare programs and services. To be taken concurrently with Social Work 475. **Prerequisite:** Social Work 473 or consent of instructor.

480. HUMAN SERVICE IN RURAL SETTINGS**3 hours credit**

An examination of the social ecology of the rural community, the formal and informal human service delivery systems, and the network of existing and potential community resources. Special emphasis will focus on understanding the need for development of a broad range of Social Work practice skills. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

481. SOCIAL WORK IN SPECIAL SETTINGS**3 hours credit**

Social Work concepts, methods and program development in selected human service settings such as school, medical, mental health, etc. In-depth study of setting and organizational goals, structure and patterns of service delivery for Social Work practice in these settings. May be repeated under different subtitles. **Prerequisite:** Social Work 271 or consent of instructor. **Three hours per week.**

482. SOCIAL WORK WITH MINORITY GROUPS**3 hours credit**

Social Work concepts, methods, values and commitments to program development for minority groups such as physically and mentally handicapped.

ped, migrant workers, women, etc. A careful look at subcultures, situational and significant organizational arrangements for Social Work practice with these groups. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

484. SOCIAL WORK AND THE LAW 3 hours credit

The study of family, social welfare and consumer law. The legal authority of social agencies and their power to make rules; and guidelines for court testimony and on rules of evidence. **Prerequisite:** Social Work 271 or consent of instructor. **Three hours per week.**

485. ADMINISTRATION AND SUPERVISION IN THE HUMAN SERVICES 3 hours credit

This course covers the organization and management of human service organizations. Included is an introduction to formal organizations, management theory and practice, and direct supervision. Special emphasis will be given to the unique characteristics of the public sector. **Prerequisite:** Junior standing or above. **Three hours per week.**

492. SOCIAL GROUP WORK 3 hours credit

This course is designed to examine theories and practice models of social group work. Three group models will be studied: reciprocal, remedial and social-goals. Content includes stages of group development, goal orientation in groups, group problem-solving, leadership roles and the role of the facilitator. Course is not open to students who have taken Social Work 499. **Prerequisite:** Social Work 375, equivalent or consent of instructor. **Three hours per week.**

495. FAMILY INTERVENTION 3 hours credit

A course in family practice which takes a systematic and structural view of the family. Study will focus on internal and external factors which influence family function and/or dysfunction. Content includes family development life cycle, member roles, implications of family history, violence in the family, and skills and techniques in analyzing relationship patterns and structures. Interventive choices will also be explored. Course is not open to students who have taken Social Work 499. **Prerequisite:** Social Work 375, equivalent or consent of instructor. **Three hours per week.**

Sociology and Anthropology

409. SOCIOLOGY OF EDUCATION 3 hours credit

Analysis of public education as a bureaucratic

social institution, the countervailing community power structure and the professional role of the educator. **Three hours per week.**

410. SOCIAL RESEARCH II 4 hours credit

Further training in methods of research in the Social Sciences. Emphasis on data analysis, including organization of data for computer processing, hypothesis-testing and simple casual modeling. **Prerequisite:** Sociology 309 or consent of instructor. **Three hours lecture and two hours laboratory per week.**

421. DEVELOPMENT OF SOCIAL THOUGHT 3 hours credit

An analysis of the historical antecedents and contemporary profiles of sociological theory emphasizing major figures and dominant paradigms. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

422. CONTEMPORARY SOCIOLOGICAL THEORY 3 hours credit

An analysis of the current state and future directions of sociological theory. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

452. COMPARATIVE CULTURES 3 hours credit

Cross-cultural survey of primitive societies with emphasis on human social differences and their meaning: Africa, Asia, North and South America, Oceania. This course will focus on cultural diversity of mankind concentrating on varying marital, religious, economic, family and social patterns. **Prerequisite:** Sociology 212 or consent of the instructor. **Three hours per week.**

459. SEMINAR IN ANTHROPOLOGY: SELECTED TOPICS 3 hours credit

Individual and group study of selected topics from the four subdisciplines of Anthropology (cultural anthropology, physical anthropology, linguistic anthropology and archaeology). May be repeated once under a different subtitle. **Prerequisite:** Sociology 212 and 350. **Three hours per week.**

499. SPECIAL TOPICS 3 hours credit

Number reserved for courses approved as an experimental response to student interest or community need. May be repeated once under a different subtitle. **Prerequisite:** Sociology 211 or consent of the instructor. **Three hours per week.**

512. GRADUATE SEMINAR IN SOCIOLOGY 3 hours credit

Study and discussion of a selected topic of sociological significance, such as social movements, roots of social inequality, analysis of social power of the management of conflict. **Prerequisite:** Six hours of Sociology or consent of the instructor. **Three hours per week.**

515. RURAL LIFE STYLES 2 hours credit

The course examines the various life styles of people in the rural community of the Delmarva Peninsula. These include farmers, migrant workers, watermen, townspeople and tourists. Live interviews, simulated interviews and/or mobile clinic visits will be utilized to assist in comparing and contrasting the life styles so that more effective health care can be planned and implemented for this population. **Two hours per week.**

516. INDIVIDUAL DIRECTED STUDY 3 hours credit

Intensive study in a specific area of Sociology agreed upon by student and faculty. Open only to students who have completed six hours in Sociology and are taking a concentration in Sociology. May be repeated once under a different subtitle. **Prerequisite:** Consent of instructor who will direct the study.

530. DIRECTED RESEARCH 3 hours credit

Preparation of optional research project in master's degree program under direction of a departmental supervisor. **Prerequisite:** Approval of chairman.

560.A PRACTICUM OR INTERNSHIP Variable 1-6 hours credit

An applied Sociology combination of study and work with the primary emphasis on integrating the theoretical concepts of Sociology with a practical experience of work with a recognized employing unit able to provide adequate on-the-job guidance. One to six hours credit to be determined by the student and the faculty coordinator. **Prerequisite:** Nine hours in Sociology and approval of chairman.

Spanish

405. SPECIAL PROBLEMS IN SPANISH Variable 1-3 hours credit

Individual study of special areas in Spanish linguistics such as phonetics and diction in the history and evolution of the language or in Spanish and Latin American literature. Advice and direction from a member of the department required. May be repeated by same student with new content.

Prerequisite: Spanish 320, 321 or consent of the department chairman.

412. SPANISH LITERATURE OF THE GOLDEN AGE 3 hours credit

Study of selected masterpieces of Spanish literature of the *Siglo de Oro*. **Prerequisite:** Spanish 320, 321 or consent of the department chairman. **Three hours per week.**

415. NINETEENTH AND TWENTIETH CENTURY SPANISH LITERATURE 3 hours credit

A study of the development of movements in Spanish literature of this period through selected works of outstanding authors. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

417. NINETEENTH AND TWENTIETH CENTURY SPANISH AMERICAN LITERATURE 3 hours credit

A study of the major works in Spanish American literature of the 19th and 20th centuries. **Prerequisite:** Spanish 320 or 321 or consent of departmental chairman. **Three hours per week.**

418. CONTEMPORARY LITERATURE IN SPANISH 3 hours credit

A study of selected contemporary works in Spanish. The selection will vary from year to year. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

495. SPANISH FOR PROFESSIONAL AND SERVICE PERSONNEL I 3 hours credit

Students develop fluency in spoken and written Spanish. Situational dialogues in cross-cultural setting underline practical intent. Specific applicability for migrant teachers, social workers, business and hospital personnel. **Three hours per week.**

496. THE BILINGUAL, BICULTURAL CLASSROOM 3 hours credit

Preparation for those in Education whose work may involve contact with students and parents from different language and cultural backgrounds, with emphasis on the problems and needs of the Spanish speaking child. Studies include cross-cultural communication, survival skills in Spanish and culturally relevant materials. **Three hours per week.**

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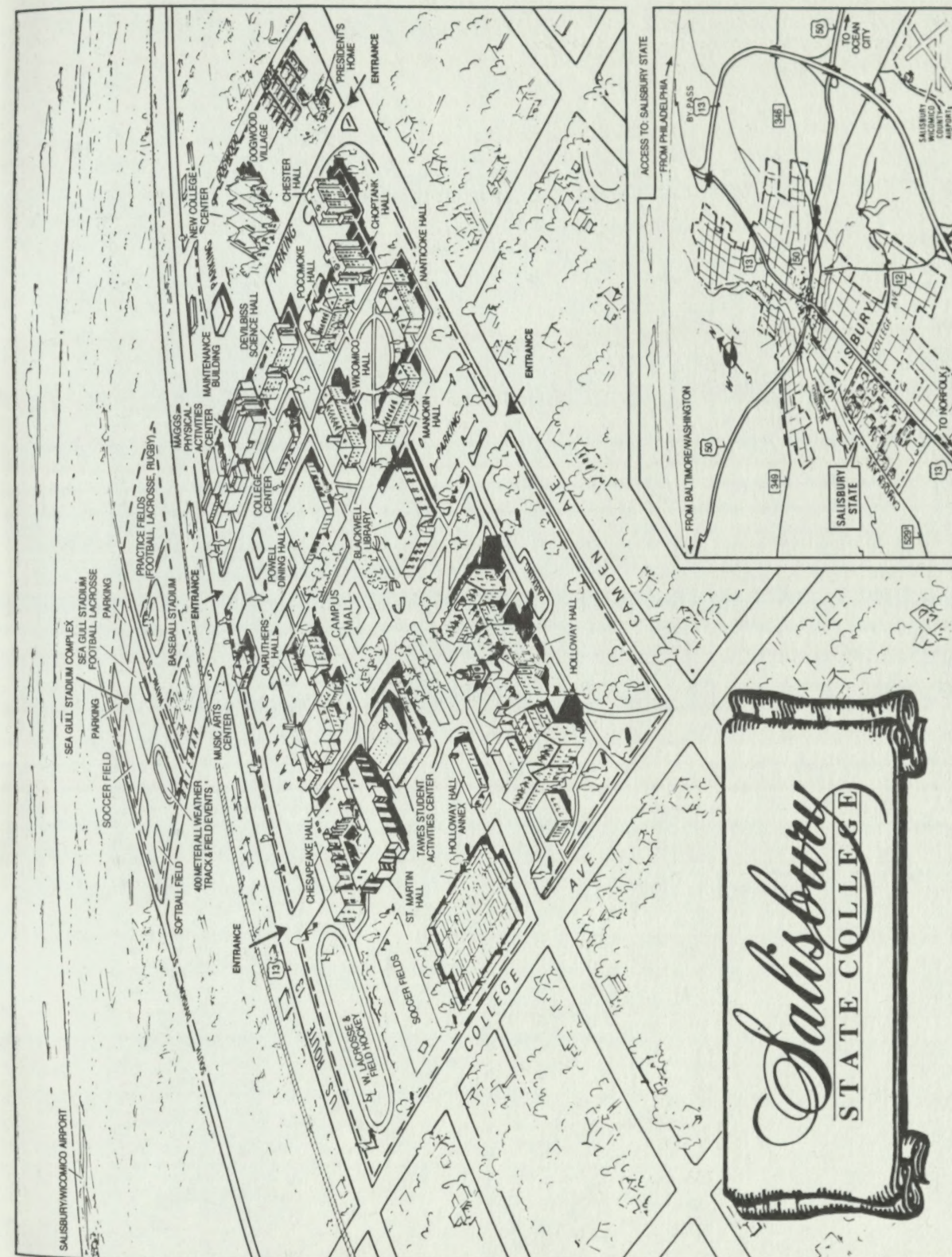
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